DCD / OCM / PCM / SCM 2140 / 2440 MK II / 2840 MK II SERVICE MANUAL

SERVICE WARNINGS

SAFETY NOTICE

Components having special safety characteristics are identified by on schematics and on the parts list in this SERVICE MANUAL and its supplements and bulletins. Before servicing this apparatus, it is important that the service technician read and follow the "SAFETY PRECAUTIONS" and "PRODUCT SAFETY NOTICES" in this Service Manual.

X-radiation warning: Replacement of critical components of this apparatus (picture tube and others) can result in excessive X-radiation.

These components are marked in the service manual by a *. Replace only by conform types.

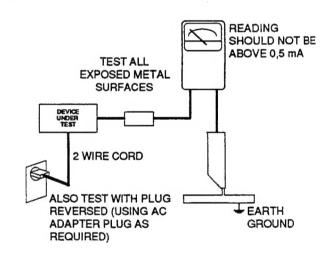
SAFETY PRECAUTIONS

- 1. Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to, the following items:
- a. Be sure that no built-in protective devices are defective and/ or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assembly in the cabinet, be sure to put back in place all protective devices, including, but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damage.
- b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) excessively wide cabinet ventilation slots, and (2) an improperly fitted and/or incorrectly secured cabinet back cover.
- c. Leakage Current Hot Check With the instrument completely reassembled, plug the AC line cord directly into a 220 V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1. Leakage Current for Appliances. With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.). especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamp. Reverse the instrument power cord plug in the outlet and repeat test.

WARNING:

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING ACCESSORIES.

AC leakage test



- 2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet or on the receiver chassis.
- 3. Design Alteration Warning Do not alter or add to the mechanical or electrical design of this apparatus.

 Design alterations and additions, including, but not limited to, circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions may void the manufacturer's

warranty and may make you, the servicer responsible for

personal injury or property damage resulting therefrom.

SERVICE WARNINGS

SERVICE WARNINGS

4. Picture tube implosion protection warning - The picture tube in this apparatus encloses a high vacuum and care must be taken not to bump or scratch the picture tube as this may cause the tube to implode, resulting in personal injury and property damage.

Shatterproof goggles must always be worn by individuals while handling the CRT or installing it.

Keep the CRT away from your body. Do not handle it by the neck.

For continued implosion protection, replace the picture tube only with one of the same type number.

5. Hot Chassis Warning - This monitor has two ground systems: the primary ground system is formed by the negative voltage of the rectified mains and is only used as a reference in primary circuits; the secondary ground system is connected to earth ground via the earth conductor in the mains lead.

Separation between primary and secondary circuits is performed by the safety isolation transformer. Components bridging this transformer are also safety components and must never be defeated or altered.

All user-accessible conductive parts must be connected to earth ground, or are kept at SELV (Safety Extra Low Voltage).

- 6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas:
- a. near sharp edges
- b. nearthermally hot parts be sure that leads and components do not touch thermally hot parts
- c. the AC supply
- d. high voltage

Always inspect in all areas for pinched, out-of-face, or frayed wiring. Do not change spacing between components, and between components and the printed-circuit board. Check AC power cord for damage.

- 7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.
- 8. PRODUCT SAFETY NOTICE Many electrical and mechanical parts have special safety-related characteristics some of which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified in BARCO service data by on schematics and in the parts list. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement part in BARCO service data parts list might create shock, fire, and/or other hazards.

Product Safety is under review continuously and new instructions are issued whenever appropriate. For the latest information, always consult the appropriate current BARCO service literature.

SERVICING PRECAUTIONS

CAUTION: Before servicing instruments covered by this service data and its supplements and addenda, read and follow the SAFETY PRECAUTIONS in this publication.

NOTE: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions in this publication, always follow the safety precautions.

Remember: Safety First.

GENERAL SERVICING PRECAUTIONS

- Always unplug the instrument AC power cord from the AC power source before:
- a. Removing or reinstalling any component, circuit board, module, or any other instrument assembly.
- b. Disconnecting or reconnecting any instrument electrical plug or other electrical connection.
- c. Connecting a test substitute in parallel with an electrolytic capacitor in the instrument.

Caution: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

- 2. Do not spray chemical on or near this instrument or any of its assemblies.
- 3. Unless specified otherwise in this service data, clean electrical contacts by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable nonabrasive applicator: 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90%-99% strength). Caution: This is a flammable mixture. Unless specified otherwise in this service data, lubrication of contacts is not required.
- 4. Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
- 5. Always connect the test instrument ground lead to the appropriate instrument chassis ground before connecting the test instrument positive lead. Always remove the test instrument ground lead last.
- Use with this instrument only the test fixtures specified in this service data.

CAUTION: Do not connect the test fixture ground strap to any heat sink in this instrument.

SERVICE WARNINGS

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ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components.

The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- 1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminium foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminium foil or comparable conductive material.)
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

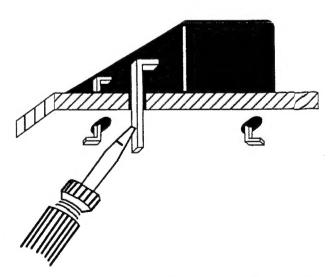
General Soldering Guidelines

- 1. Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range 500°F to 600°F (260°C to 315°C)
- 2. Use an appropriate gauge of RMA resin-core solder composed of 60 parts tin/40 parts lead.

- 3. Keep the soldering iron tip clean and well tinned.
- 4. Thoroughly clean the surfaces to be soldered. Use a small wire-bristle (0.5 inch, or 1.25 cm) brush with a metal handle. Do not use freon-propelled spray-on cleaners.
- 5. Use the following unsoldering technique:
- a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F (260°C to 315°C)).
- b. Heat the component lead until the solder melts.
- c. Quickly draw away the melted solder with an anti-static, suction-type solder removal device or with solder braid. CAUTION: Work quickly to avoid overheating the circuit board printed foil.
- 6. Use the following soldering technique:
- a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F) (260°C to 315°C).
- b. First, hold the soldering iron tip and solder strand against the component lead until the solder melts.
- c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.

CAUTION: Work quickly to avoid overheating the circuitboard printed foil or components.

d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.



Use Soldering Iron To Pry Leads

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Frame Supply boards

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- * Adjustment procedure

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- * Schematic diagram
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Input/output boards

* Printed circuit board

76 1194 : In/Out module + Controls

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- * Schematic diagram
- * Parts listing

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- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1687: In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1939 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

79 1649: CSB PCM 2140

79 1900: CSB PCM 2840

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1641: Unit automatic degauss (Option)

- * Printed circuit board
- * Schematic diagram
- * Parts listing

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PARTS LIST ON BOARD LEVEL

REF. TYPE		PARTS LIST ON BOARD LEVEL			
ART. NO.	DESCRIPTION	DECODER	FRAME	IN/OUT MODULE	
93 30627	DCD 2440 MK II	76 1942	76 1955	76 1194	
93 30617	DCD 2840 MK II	76 1942	76 1955	76 1194	
93 30515	PCM 2140	76 1686	76 1688	76 1643	
93 30635	PCM 2840	76 1686	76 1955	76 1643	
93 30735	PAT OCM 2840 MK II	76 1971	76 1955	See service manual PAT	
93 30747	PAT SCM 2840 MK II	76 1971	76 1682	See service manual PAT	
93 30707	SCM 2140	76 1942	76 1688	76 13306	
93 30607	SCM 2840 MK II Q	76 1954	76 1682	76 1939	
93 30609	SCM 2840 MK II Q	76 1954	76 1941	76 1939	
93 30597	SCM 2840 MK II RGB	76 1936	76 1682	76 1687	
93 30599	SCM 2840 MK II RGB	76 1936	76 1941	76 1687	

93 30627

DCD 2440 MK II

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
			007.	34 8004	WIRE TIE L140
	03 30629	OPIBAR DCD2440 MKII T 9330627	0071	34 8019	WIRE TIE L100
	32 1026	SPEAKER SW 8E 105X105	008.	34 93755	CORD BE DEF CPL 34
	32 61031	CORD MAINS 3X0,75MM2 2XEUR(S)		36 7310	CIRCLIPS AXLE VISTOP SCREW M6
	34 8216	UN WIRE TV 40 LS 60CM	010.	36 1382	SCREW PT K70X40
	36 1312	SCREW WINGLIN M3 X12 CC+	011.	80 0217	SPRING TV 40 RGB
	36 2121	SCREW DIN7985 M 3 X 6 MP+	017.		NUT DIN934 M 4 HEXAGON
	36 2154	SCREW DIN7985 M 4 X16 MP+	0181	36 6103	WASHER DIN6798 A 4,3
	36 2162	SCREW DIN7985 M 4 X45 MP+	0182	36 7503	FRAME TV 40 HINGE FESTIVAL
	36 6103	NUT DIN934 M 4 HEXAGON	020.	80 1748	SCREW DIN7985 M 4 X12 TWOLOK
	36 7503	WASHER DIN6798 A 4,3	0201	36 21533	FIX TV 40 FRAME UP UP FST
	59 0210	LABEL EARTH+FUSE GB	023.	72 1874	RIVET P AL FE TAP/D/BS410 D3,2
	59 3476	BOX 0201 MECCA BOOKMAKER	0231	36 7457	FASTENER WIRE SADDLE LWS-2R-A
	71 23031	WASHER DIA 3,25X10 T1 ZIN	024.	34 8024	WIRE STANDOFF D11,9 H19
	71 23061	WASHER DIA 4,25X15 T1 ZIN	0241	34 8076	STAPLE SPK3023 3/8 " L10 B10
	71 4937	NUT SC M3 BV MS	031.	36 9501	SCREW SC FULL SCREEN
	72 1405	BUSHING SNAP DIA17 / 8 BE	037.	71 4008	WASHER ANTILOSS M4
	72 1924	FIX TV 40 FRAME CASE DO FST63	0371	36 7576	
	72 2113L	LEFE 72 2113 PRO DCD2440 BACKC	038.	36 15135	
	72 2190	CASE MN 40 DCD24 FRF MK2	039.	34 8001	WIRE TIE L172
	73 2090	BACKCOVER MN 40 DCD24 VERT	040.	34 8020	WIRE TIE L110
	73 2117	CASE MN 40 DCD24 T MK2	0401	34 8006	WIRE TIE L140
	76 1194	UN I/O MN 40 DCD27	041.	80 0194	FIX TV 40 DEC FRAME
	76 1934	UN PARTS MN 40 DCD24 HK2	0411	36 3501	SCREW DIN7976 2,9X 6,5 M HC
001.	13 0954	CRT A59EAK22X11	080.	36 7036	NUT INS WOOD FOR SCREW K70
002.	76 0659	UN AKWADAG(1140) TV 32		76 1942	UN DEC MN 40 T RGB BLACK LINE
003.	72 0689	FIX TV 31 DEGAUSSING ABS		76 1955	UN FRAME MN 40 DCD24 MKII BL.L
004.	31 2000	SPRING 7 X50 /0,6		80 1413L	LEFE 80 1413 HANDLE CABINET
005.	72 0704	FIX TV 40 DEGAUSSING NYL		80 1452	BOX FIT PSF MECCA BOOKMAKER B
006.	77 3365	COIL DEGAUSSING TV 34GS 67CM		80 1453	BOX FIT PSF MECCA BOOKMAKER T

DCD 2840 MKII

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
		OPIBAR DCD2440 MKII T 9330627	037.	34 8001	WIRE TIE L172
	03 30629	SPEAKER SW BE 105X105	038,	34 8020	WIRE TIE L110
	32 1026	CORD MAINS 3X0,75MM2 2XEUR(S)	039.	36 1382	SCREW PT K70X40
	32 61031	LEFE 34 8080 FIX BACKCOVER	040.	36 9501	STAPLE SPK3023 3/8 " L10 B10
	34 8080L		042.	36 13135	SCREW WINGLIN M3 X16 CC+
	34 8216	UN WIRE TV 40 LS 60CM SCREW DIN798S M 3 X 6 MP+	0421	71 23031	WASHER DIA 3,25X10 T1 ZIN
	36 2121	SCROW BEHAVES IN C.	043.	80 0194	FIX TV 40 DEC FRAME
	59 35105	BOX 0201 737X585X638 HOHOH BUSHING SNAP DIA17 / 8 BE	044.	36 3501	SCREW DIN7976 2,9X 6,5 M HC
	72 1405	BOSHING DAIL DITTE	050.	80 2765	FIX MN 40 DCD28II BRIDGE DOWN
	72 2233	FRF MN 40 DCD28 II	060.	80 1653	FRAME TV 40 HINGE FST55 LEFT
	73 2122	CASE MN 40 DCD28 MK2 CASE MN 40 DCD28 II BACKCOVER	0601	80 1654	FRAME TV 40 HINGE FST55 RIGHT
	73 3002		0602	71 23061	WASHER DIA 4,25X15 T1 ZIN
	76 1194	UN I/O MN 40 DCD27 UN PARTS MN 40 DCD28 MK2	0603	36 21533	SCREW DIN7985 M 4 X12 TWOLOF
	76 1935		0604	36 7503	WASHER DIN6798 A 4,3
	36 9550	STAPLE CNK L10 B3 FRAME MN 40 PCM21 PCB FIX DEC	0605	36 6103	NUT DIN934 M 4 HEXAGON
	72 2236		070.	72 1983	FIX TV 40 FRAME UP UP FST55
001.	13 0956	CRT A66EAK22X11	0701	80 1651	FIX TV 40 FRAME PLATE L FST55
002.	76 11297	UN AKWADAG(1260) TV 40 70	0702	80 1652	FIX TV 40 FRAME PLATE R FSTSS
004.	31 2000	SPRING 7 X50 /0,6 FIX MN 40 DEAUSSING 4 ARWADAG	0703	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
005.	34 8083		0704	71 23041	WASHER DIA 4,25X10 T1 ZIN
006.	30 6663	COIL MN 40 DEGAUSS SCM28	0705	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
007.	34 8004	WIRE TIE L140	080.	36 7036	NUT INS WOOD FOR SCREW K70
0071	34 8019	WIRE TIE L100	090.	80 4037	FIX MN40 PLATE DCD2840 II
0072	34 8006	WIRE TIE L140	091.	72 3025	FIX MN40 FRAME DCD2840 II
008.	34 93755	CORD BE DEF CPL 34	092.	72 3024	FIX MN40 FRAME DCD2840 II
017.	80 0217	SPRING TV 40 RGB	093.	36 7455	RIVET P AL FE TAP/D/BS46 D3,
0201	36 2154	SCREW DIN7985 M 4 X16 MP+	094.	36 2152	SCREW DIN7985 M 4 X10 MP+
0202	71 23061	WASHER DAM TYCOME	0,71.	76 1942	UN DEC MN 40 T RGB BLACK LINE
024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A		76 1955	UN FRAME MN 40 DCD24 MKII BL.
0241	34 8076	WIRE STANDOFF D11,9 H19		80 1413L	LEFE 80 1413 HANDLE CABINET
025.	36 2154	SCREW DIN7985 M 4 X16 MP+	007.	80 2729	BOX PSF TV 40 70 PORTOFINO
0251	36 6103	NUT DIN934 M 4 HEXAGON	007.	OU LILD	101 101 17 10 10 1011011110
0252	36 7503	WASHER DIN6798 A 4,3			

PCM 2140 93 30515

IT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	03 30519	OPI MN 40 PCM21	0202	36 21533	SCREW DIN7985 M 4 X12 TWOLOK
	32 61031	CORD MAINS 3X0,75MM2 2XEUR(S)	0203	36 2154	SCREW. DIN7985 M 4 X16 MP+
	34 8024	FASTENER WIRE SADDLE LWS-2R-A	0203	72 2236	FRAME MN 40 PCM21 PCB FIX DEC
	34 8080L	LEFE 34 8080 FIX BACKCOVER	0213	36 7503	WASHER DIN6798 A 4,3
	34 8084	GROMMET T1,5 CONTIN.SOLID BLA	0214	36 6103	NUT DIN934 M 4 HEXAGON
	34 8216	UN WIRE TV 40 LS 60CM	0215	36 2054	SCREW DIN84 M 4 X16 MP-
	36 15075	SCREW DIN7981 3,2X 8,5 MP+C	0216	59 0206	LABEL EARTH
	36 9550	STAPLE CNK L10 B3	024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A
	59 0210	LABEL EARTH+FUSE GB	0241	34 8076	WIRE STANDOFF D11,9 H19
	59 34815	BOX 0201 OCM2140	0301	36 2121	SCREW DIN7985 M 3 X 6 MP+
	72 1405	BUSHING SNAP DIA17 / 8 BE	031.	36 9501	STAPLE SPK3023 3/8 " L10 B10
	72 2157	BACKCOVER MN 40 OCM21	035.	34 8019	WIRE TIE L100
	72 2186	FRF MN 40 OCM21 CPL	0362	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
	72 2223	FIX MN 40 PCM21 CHASSIS	0363	71 23042	WASHER DIA 4,25X10 T1,25ZIN
	73 2102X	CASE MN 40 PCM21 LEFEVERE	0364	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
	73 21025	CASE MN 40 PCM21	037.	80 1652	FIX TV 40 FRAME PLATE R FST55
	76 11485	UN PARTS MN 40 OCM21	0371	72 1983	FIX TV 40 FRAME UP UP FSTSS
01.	13 0958	CRT A51EAK01X05	0372	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
011	80 4000	WASHER DIA18 X24 T3 AL	0373	71 23042	WASHER DIA 4,25X10 T1,25ZIN
02.	76 0725	UN AKWADAG (920) TV 32 56	0374	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
021	34 8001	WIRE TIE L172	080.	36 7036	NUT INS WOOD FOR SCREW K70
04.	31 2000	SPRING 7 X50 /0.6		76 1643	UN INP MN 40 PCM21 SVHS
06.	77 33668	COIL DEGAUSSING TV 40 56CM		76 1686	UN DEC MN 40 PCM21 Q RGB SVHS
061	34 8073	WIRE TIE L356 B2,4		76 1688	UN FRAME MN 40 SUP PCM21
08.	34 93755	CORD BE DEF CPL 34		79 1649	UN CSB MN 40 PCM21 CPL
09.	34 8006	WIRE TIE L140		80 2497	BOX FIT PSF OCM2140 TOP
111.	36 1382	SCREW PT K70X40		80 2498	BOX FIT PSF OCM2140 BOTTOM
112.	80 0194	FIX TV 40 DEC FRAME		80 2724	FIX MN 40 PCM21 CHASSIS EXTENS
213.	36 3501	SCREW DIN7976 2,9X 6,5 M HC	001.	32 1047	SPEAKER SW BE 160X 57
2131	71 23031	WASHER DIA 3,25X10 T1 ZIN	0011	73 2133	BAFFLE TEXT PCM 2140
17.	80 0217	SPRING TV 40 RGB	008.	80 2473	GLASS MN 40 CONTR OCM21
020.	80 2465	FIX MN 40 OCM21 FRAME DOWN	0081	34 8081	FIX MN 40 OCM21 GLASS TOP
0201	BO 2481	FRAME MN 40 PCM21 FRAME HINGE	0082	34 8082	FIX MN 40 OCM21 GLASS BOTTEM

PCM 2840

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	03 30639	OPIBAR PCM2840 Q SVHS	0252	36 7503	WASHER DIN6798 A 4,3
	32 1047	SPEAKER SW SE 160X 57	037.	34 8001	WIRE TIE L172
	32 61031	CORD MAINS 3X0.75MM2 2XEUR(S)	038.	34 8020	WIRE TIE L110
	34 8080L	LEFE 34 8080 FIX BACKCOVER	039.	36 1382	SCREW PT K70X40
	34 8215	UN WIRE TV 40 LS120CM	040.	36 9501	STAPLE SPK3023 3/8 " L10 B10
	36 15075	SCREW DIN7981 3,2X 8,5 MP+C	042.	36 13135	SCREW WINGLIN M3 X16 CC+
	36 9550	STAPLE CNK L10 B3	043.	80 0194	FIX TV 40 DEC FRAME
	59 0210	LABEL EARTH+FUSE GB	044.	36 3501	SCREW DIN7976 2,9X 6,5 M HC
	59 35075	BOX 0201 698X585X737 HOHOH	050.	36 7036	NUT INS WOOD FOR SCREW K70
	72 1405	BUSHING SNAP DIA17 / 8 BE	0604	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
	72 3015	CASE MN 40 PCM28 FRF	070.	80 1652	FIX TV 40 FRAME PLATE R FST55
	73 3000	CASE MN 40 PCM28	0701	72 1983	FIX TV 40 FRAME UP UP FSTSS
	73 3001	CASE MN 40 PCM28 BACKCOVER	0702	36 7457	RIVET P AL FE TAP/D/BS410 D3,
	76 1643	UN INP MN 40 PCM21 SVHS	0703	71 23042	WASHER DIA 4,25X10 T1,25ZIN
	76 1686	UN DEC MN 40 PCM21 Q RGB SVHS	080.	80 2724	FIX MN 40 PCM21 CHASSIS EXTENS
	76 1955	UN FRAME MN 40 DCD24 MKII BL.L	0801	72 2223	FIX MN 40 PCM21 CHASSIS
	76 1956	UN PARTS MN 40 PCM28	0802	36 7457	RIVET P AL FE TAP/D/BS410 D3,
001.	13 0956	CRT A66EAK22X11	0803	71 23042	WASHER DIA 4,25X10 T1,25ZI
002.	76 11297	UN AKWADAG (1260) TV 40 70	0804	36 7455	RIVET P AL FE TAP/D/BS46 D3,
004.	31 2000	SPRING 7 X50 /0,6	0805	80 2733	FRAME TV 40 70 PORTOFINO FIX I
005.	34 8083	FIX MN 40 DEAUSSING & AKWADAG	0806	36 2154	SCREW DIN7985 M 4 X16 MP+
006.	30 6663	COIL MN 40 DEGAUSS SCH28	0807	80 1653	FRAME TV 40 HINGE FST55 LEFT
007.	34 8004	WIRE TIE L140	0808	80 1654	FRAME TV 40 HINGE FST55 RIGHT
0071	34 8019	WIRE TIE L100	090.	72 1405	BUSHING SNAP DIA17 / 8 BE
0072	34 8006	WIRE TIE L140	0910	36 15075	SCREW DIN7981 3,2X 8,5 MP+6
008.	34 93755	CORD BE DEF CPL 34	1100	72 3022	BACKCOVER TV 40 PCM28 COVER PI
017.	80 0217	SPRING TV 40 RGB	1101	36 15085	SCREW DIN7981 3,2X16 MP+
018.	72 2236	FRAME MN 40 PCM21 PCB FIX DEC	1102	71 4937	NUT SC M3 BV M
024.	34 8024	FASTENER WIRE SADDLE LWS-2R-A		80 1413L	LEFE 80 1413 HANDLE CABINET
0241	34 8076	WIRE STANDOFF D11,9 H19		80 2729	BOX PSF TV 40 70 PORTOFINO
025.	36 2154	SCREW DIN7985 M 4 X16 MP+	0011	80 4000	WASHER DIA18 X24 T3 A
0251	36 6103	NUT DIN934 M 4 HEXAGON	002.	79 1900	UN CSB MN 40 PCM28 CPL

93 30735

PAT OCM 2840 MK II

IT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	3 30168	DOKSETDCD2640Q		34 93755	CORD BE DEF CPL 34
	9 0206	LABEL EARTH		34 8004	WIRE TIE L140
	59 0210	LABEL EARTH+FUSE GB	0071	34 8019	WIRE TIE L100
	59 0225	LABEL MN RONTGENSTRAHLUNG BRD		34 8006	WIRE TIE L140
	59 3013	BAG PE 370X 220X 0,03 D314		34 8024	FASTENER WIRE SADDLE LWS-2R-A
	59 8408	PRA DOKSET BARCO BG+M	0101	80 0217	SPRING TV 40 RGB
	59 5039	WARRANTY BARCO TRIPLE		34 8076	WIRE STANDOFF D11,9 H19
	59 6070	PRM STATIST QUALITY	039.	36 7457	RIVET P AL FE TAP/D/BS410 D3,2
	80 08261	LABEL PART-SER NR PRINT CPU		BO 0194	FIX TV 40 DEC FRAME
	32 1047	SPEAKER 5W 8E 160X 57		36 3501	SCREW DIN7976 2,9X 6,5 M HC
	32 6103	CORD MAINS 3X0,75MM2 2.65UR	0411	36 6921	SCREW INS FRF M6 VIDEOPLAST
	34 8216	UN WIRE TV 40 LS 600		36 38005	SCREW PT KA25X10 WN1412
	36 15095	SCREW DIN7981 4,2X 9,5 MP+C		39 5356	TAPE PVC AT20 4 BLA
	36 15125	SCREW DIN7981 4,2X16 MP+C	0421	71 23031	WASHER DIA 3,25X10 T1 ZIN
	36 2122	SCREW DIN7985 H 3 X 8 MP+		71 4008	SCREW SC FULL SCREEN
	36 2154	SCREW DIN7985 H 4 X16 MP+		36 15075	SCREW DIN7981 3,2X 8,5 MP+0
	36 6103	NUT DIN934 M 4 HEXAGON	0422	36 7576	WASHER ANTILOSS M4
	36 7503	WASHER DIN6798 A 4,3	0423	36 15085	SCREW DIN7981 3,2X16 MP+0
	59 0210	LABEL EARTH+FUSE GB	050.	80 0159	FRAME TV 40 HINGE
	59 3451	BOX 0201 726X551X596 HOHOH	0501	36 21533	SCREW DIN7985 H 4 X12 TWOLO
	59 75283	USERS MANUAL PAT	0502	36 7503	WASHER DIN6798 A 4,3
	71 23061	WASHER DIA 4,25X15 T1 ZIN	0503	36 6103	NUT DIN934 M 4 HEXAGON
	72 1280	FOOT TV 32 FS32	055.	72 1874	FIX TV 40 FRAME UP UP FST
	72 1745	GUIDING PJ EP RCVDS2 PC		72 1944	FIX MN 40 OCM28 FRAME UP
	72 1813	FIX MN 40 DCD26 FRAME	0551	36 7457	RIVET P AL FE TAP/D/BS410 D3,
	72 1945	LS BOX TUNNEL OCM2840		76 14467	UN PAT MN 40 OCM28
	72 1946	HANDLE MN 40 OCM28 HOLDER		76 1955	UN FRAME MN 40 DCD24 MKII BL.
	72 1962	FOOT MN 40 OCM28		76 1971	UN DEC MN 40 Q RGB BL L
	72 1963	CASE MN 40 DCD28 COVER CAP		80 1413	HANDLE MN 40 OCH28
	72 2008	CASE MN 40 OCM28		80 1446	HANDLE MN 40 OCM28 HINGE
	72 2044	PAT OCH2840 FIX FRAME DOWN		80 1525	FIX MN 40 OCM28 NUT CEILING
	73 2053	BACKCOVER MN 40 OCH28 PAT		80 1804	PAT OCM2840 FIX CSB
	76 1275	UN PARTS TV 40 70 FS		80 1805	PAT OCM2840 FIX FIX CSB
	34 8001	WIRE TIE L172		80 1883	PAT OCM2840 SCREENING PLATE A
	34 8005	WIRE TIE CLIPS 3,5 TO 6		80 1887	PAT OCM2840 SCREENING PLATE B
011	#0 1781	WASHER DIA 6,5 X15 T4,3 PS		80 1958	BOX FIT OCM2840 EPERAN CPL
	36 6158	NUT TWOLOR M 6 NUT+WASHER		13 0956	CRT A66EAK22X11
	76 11297	UN AKWADAG(1260) TV 40 70	041.	72 3021	CASE MN 46 OCM28 RGB FRF BL.L
	31 2000	SPRING 7 X50 /0,6	0411	80 4068	DPL MN 46 OCM28 FRF
	30 6663	COIL MN 40 DEGAUSS SCM28	0412	36 6921	SCREW INS FRF M6 VIDEOPLAS
	34 8083	FIX MN 40 DEAUSSING & AKWADAG			

PAT SCM 2840 MK II

IT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	_	TEM NUMBER	ITEM DESCRIPTION
	30 6663	COIL MN 40 DEGAUSS SCM28		59	0206	LABEL EARTH
	31 2000	SPRING 7 X50 /0,6		59	0210	LABEL EARTH+FUSE GB
	32 1044	SPEAKER 4W 4E 66X 66		59	3013	BAG PE 370X 220X 0,03 D31
	32 61031	CORD MAINS 3X0,75MM2 2XEUR(S)		59	75283	USERS MANUAL PAT
	34 8004	WIRE TIE L140		72	1709	FIX TV 40 CASE UP 56
	34 8019	WIRE TIE L100		72	1745	GUIDING PJ EP RCVDS2 PC
	34 8020	WIRE TIE L110		72	1813	FIX MN 40 DCD26 FRAME
	34 8024	FASTENER WIRE SADDLE LWS-2R-A		72	2050	FRF MN 40 SCM28
	34 8073	WIRE TIE L356 B2,4		76	11297	UN AKWADAG(1260) TV 40 70
	34 8076	WIRE STANDOFF D11,9 H19		76	14469	UN PAT MN 40 SCM28 CPL
	34 8214	UN WIRE TV 40 LS 400		76	1682	UN FRAME MN 40 SCM28 BLACKLIN
	34 8218	UN WIRE MN 40 SCM28 CVS P		76	1971	UN DEC MN 40 Q RGB BL L
	34 93755	CORD BE DEF CPL 34		80	0194	FIX TV 40 DEC FRAME
	35 6107	HANDLE CASE MN VIDEOWALL 273.1		80	0217	SPRING TV 40 RGB
	36 19245	SCREW DIN965 M 4 X10 MC+		80	1572	CASE MN 40 SCM28 SPACER CRT
	36 2066	SCREW DIN84 M 5 X10 MP-		80	1583	FRAME MN 40 DCD27 PAT FIX PC
	36 2122	SCREW DIN7985 M 3 X 8 MP+		80	1584	CASE MN 40 SCM28 FIX FRAME L
	36 21225	SCREW DIN7985 M 3 X 8 MP+		80	1585	CASE MN 40 SCM28 FIX FRAME R
	36 2152	SCREW DIN7985 M 4 X10 MP+		80	1618	FIX MN 40 SCM28 PLATE
	36 21525	SCREW DIN7985 M 4 X10 MP+		80	1714	SCREW NUT CRT H7 M5/M3 SCM284
	36 21533	SCREW DIN7985 M 4 X12 TWOLOK		80	1895	FIX MN 40 SCM28 CRT SET
	36 2154	SCREW DIN7985 M 4 X16 MP+		80	1995	CASE MN 40 SCM28 BACKCOV PAT
	36 26705	SCREW DIN921 M 3 X10 MP-		80	2314	CASE MN 40 SCM28 PAT CPL V2
	36 3501	SCREW DIN7976 2,9X 6,5 M HC		80	2434	DPL MN 40 OCM28 PAT CSB WINDO
	36 3595	SCREW DIN7981 2,2X 4,5 MP+C		80	2941	MODIF. CRT BLACK LINE 130956
	36 6103	NUT DIN934 M 4 HEXAGON		80	4099	BOX FIT SCM2846/40 CPL
	36 7457	RIVET P AL FE TAP/D/BS410 D3,2			4112	BOX 0201 705X545X588 HOHOH
	36 7503	WASHER DIN6798 A 4,3	001.		8004	WIRE TIE L140
	36 7504	WASHER DIN6798 A 5,3				

SCM 2140 93 30707

	ITEM NUMBER	ITEM DESCRIPTION	SIT. ITEM NUMBI	R ITEM DESCRIPTION
	. 20200	OPIBAR SCH2140 T	006. 77 33668	COIL DEGAUSSING TV 40 56CM
	30709 2 61031	CORD MAINS 3X0.75MM2 2XEUR(S)	0061 34 8073	WIRE TIE L356 B2.4
		HANDLE MN 40 SCM21 32342003	008. 34 93755	CORD BE DEF CPL 34
	5 6150		010. 8C 4103	CASE MN 40 SCM FIX CHASSIS 01
	6 2077	001W# DANGE 11 T	0101 36 7454	RIVET P AL FE TAP/D/BS44 D3,2
	6 21295	SCREW DIN7985 M 3 X25 MP+		SCREW DIN7985 M 4 X16 MP+
	6 21525	SCREW DIN7985 M 4 X10 MP+	011. 36 2154	NUT DIN934 M 4 HEXAGON
3	6 74546	RIVET P IN IN SSD42SSBS D3,2	0111 36 6103	
3	6 7503	WASHER DIN6798 A 4,3	0112 36 7503	WASHER DIN6798 A 4,3
5	9 0210	LABEL EARTH+FUSE GB	0113 59 0206	LABEL EARTH
5	9 0254	LABEL BVC FCC PART15	0121 36 21533	SCREW DIN7985 M 4 X12 TWOLON
5	9 3001	BAG PE 180X 250X 0,07	020. 34 8019	WIRE TIE L100
7	6 13306	UN I/O MN 40 SCM28 CVS	0201 54 8006	WIRE TIE L140
7	6 1688	UN FRAME MN 40 SUP PCM21	0202 34 8024	FASTENER WIRE SADDLE LWS-2R-A
7	6 1942	UN DEC MON 40 T RGB BLACK LINE	0203 34 8076	WIRE STANDOFF D11,9 H19
R	0 1618	FIX MN 40 SCM28 PLATE	0211 36 2121	SCREW DIN7985 M 3 X 6 MP+
	0 1653	RAME TV 40 HINGE FST55 LEFT	0212 36 3501	SCREW DIN7976 2,9X 6,5 M RC
	0 1654	FRAME TV 40 HINGE FST55 RIGHT	0213 34 8088	FASTENER WIRE DIAZO SCREW FIX
	0 4023	CASE MN 40 SCM21 CASE CPL	0214 34 8020	WIRE TIE L110
-	0 4024	CASE MN 40 SCH21 BACKCOVER 01	0215 71 23031	WASHER DIA 3,25X10 T1 2IN
	0 4026	BEVEST.CHASSIS SCM2140	022. 72 3028	CASE MN40-50 SCM21 FRF 00
	0 4043	BVCO BEMERKING SCM2140	0220 80 41271	NPL MN 40 BARCO SCM21 PART 1
		BVCO BEWERKING SCM2140	0221 #0 41272	NPL MN 40 BARCO SCM21 PART 2
	0 4044	BVCO OPSPANVYS SCM2140 01	0222 80 41273	NPL MN 40 BARCO SCM21 PART 3
	0 4045		0300 59 3566	BOX FIT 567X567 GOGOG
	0 4124	120 120 00 20120 000 120	0301 80 4125	BOX 0201 570X570X482 HOHOH
	0 4031	MODIF, CRT BLACKLINE 130958	0302 80 1733	BOX FIT EPERAN L 150X150X50
	6 0725	UN AKWADAG (920) TV 32 56	*****	BOX FIT CORNER EPERAN 150X100
04. 3	1 2000	SPRING 7 X50 /0,6	0303 80 1621	BOX FIL CORNER EFERMS ISONIVO

SCM 2840 MK II QUAD

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
	03 30609	OPIBAR SCM 2840 MKII Q		59 0206	LABEL EARTH
	30 6663	COIL MN 40 DEGAUSS SCM28		59 0210	LABEL EARTH+FUSE GB
	31 2000	SPRING 7 X50 /0,6		59 3013	BAG PE 370X 220X 0,03 D314
	32 61031	CORD MAINS 3X0,75MM2 2XEUR(S)		71 4937	NUT SC M3 BV MS
	34 8019	WIRE TIE L100		72 1709	FIX TV 40 CASE UP 56
	34 8020	WIRE TIE L110		72 1813	FIX MN 40 DCD26 FRAME
	34 8024	FASTENER WIRE SADDLE LWS-2R-A		72 2050	FRF MN 40 SCM28
	34 8073	WIRE TIE L356 B2,4		76 11297	UN AKWADAG(1260) TV 40 70
	34 8076	WIRE STANDOFF D11,9 H19		76 1682	UN FRAME MN 40 SCM28 BLACKLINE
	34 8218	UN WIRE MN 40 SCM28 CVS II		76 1939	UN I/O MN 40 RGB ANA VID
	34 82207	UN WIRE MN 40 SCM28 VID-WXLR		76 1954	UN DEC MN 40 @ WHITE SW BL.L.
	34 93755	CORD BE DEF CPL 34		80 0194	FIX TV 40 DEC FRAME
	35 6107	HANDLE CASE MN VIDEOWALL 273.1		80 0217	SPRING TV 40 RGB
	36 1914	SCREW DIN965 M 3 X10 MC+		80 1547	CASE MN 40 SCM28 FIX CENTREP
	36 19245	SCREW DIN965 M 4 X10 MC+	•	80 1549	CASE MN 40 SCM28 BACKCOVER
	36 2066	SCREW DINB4 M 5 X10 MP-		80 1572	CASE MN 40 SCM28 SPACER CRT
	36 2077	SCREW DIN84 M 6 X10 MP-		90 1584	CASE MN 40 SCM28 FIX FRAME L
	36 2121	SCREW DIN7985 M 3 X 6 MP+		80 1585	CASE MN 40 SCM28 FIX FRAME R
	36 21525	SCREW DIN7985 M 4 X10 NP+		#0 1618	FIX MN 40 SCM28 PLATE
	36 21533	SCREW DIN7985 M 4 X12 TWOLOK		80 1714	SCREW NUT CRT H7 M5/M3 SCM2840
	36 2154	SCREW DIN7985 M 4 X16 MP+		80 1756	PLATE MN 40 SCM28 COVER CLEAR
	36 26705	SCREW DIN921 M 3 X10 MP-		80 1895	FIX MN 40 SCM28 CRT SET
	36 3501	SCREW DIN7976 2,9X 6,5 M HC		80 2312	CASE NN 40 SCM28 CASE CPL V2
	36 3595	SCREW DIN7981 2,2X 4,5 MP+C		80 2941	MODIF, CRT BLACK LINE 130956
	36 6102	NUT DIN934 M 3 HEXAGON		80 4099	BOX FIT SCM2846/40 CPL
	36 6103	NUT DIN934 M 4 HEXAGON		80 4112	BOX 0201 705X545X588 HOHOH
	36 74546	RIVET # IN IN SSD42SSBS D3,2	001.	34 8004	WIRE TIE L140
		RIVET P AL FE TAP/D/BS410 D3,2	0011	36 7455	RIVET P AL FE TAP/D/BS46 D3.2
	36 7457 36 7502	WASHER DIN6798 A 3,2	****		
		WASHER DIN6798 A 4.3			
	36 7503 36 7504	WASHER DIN6798 A 5,3			

93 30609

SCM 2840 MK II QUAD

ITEM NUMBE	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
03 30609	OPIBAR SCH 2840 MKII Q		59 0210	LABEL EARTH+FUSE GB
31 2000	SPRING 7 X50 /0,6		59 0254	LABEL BVC FCC PART15
32 6111	CORD MAINS 3XANG18 UL-CSA/EUR		59 3013	BAG PE 370X 220X 0,03 D314
34 8004	WIRE TIE L140		71 4937	NUT SC M3 BV MS
34 8019	WIRE TIE L100		72 1709	FIX TV 40 CASE UP 56
34 8020	WIRE TIE L110		72 1813	FIX MN 40 DCD26 FRAME
34 8024	FASTENER WIRE SADDLE LWS-2R-A		72 2050	FRF MN 40 SCM28
	WIRE STANDOFF D11,9 H19		76 11297	UN AKWADAG(1260) TV 40 70
34 8076	UN WIRE MN 40 SCH28 CVS P		76 1939	UN I/O MN 40 RGB ANA VID
34 8218	UN WIRE MN 40 SCM28 VID-WXLR		76 1941	UN FRAME MN 40 SUP SCM28 110 B
34 82207	CORD BE DEF CPL 34		76 1954	UN DEC MN 40 Q WHITE SW BL.L.
34 93755	HANDLE CASE NN VIDEOWALL 273.1		77 41619	COIL DEGAUSSING MN 40 SCM28CSA
35 6107	SCREW DIN965 M 3 X10 MC+		80 0194	FIX TV 40 DEC FRAME
36 1914	SCREW DIN965 M 4 X10 MC+		80 0217	SPRING TV 40 RGB
36 19245	SCREW DIRSOS H 4 X10 MP-		80 1547	CASE MN 40 SCM28 FIX CENTREP
36 2066	Butter Parity		80 1572	CASE MN 40 SCM28 SPACER CRT
36 2077	SCREW DIN84 M 6 X10 MP- SCREW DIN7985 M 3 X 6 MP+		80 1584	CASE MN 40 SCM28 FIX FRAME L
36 2121	SCREW DIN7985 M 4 X10 MP+		00 1505	CASE MN 40 SCM28 FIX FRAME R
36 21525	SCREW DIN7985 M 4 X12 TWOLOK		80 1618	FIX MN 40 SCM28 PLATE
36 21533	SCREW DIN7985 M 4 X16 MP+		80 1627	ISOL MN 40 SCM28 STRIP L30X585
36 2154	SCREW DIN983 M & X10 MP-		80 1628	ISOL MN 40 SCM28 STRIP L30X440
36 26705	SCREW DIN7976 2,9X 6,5 M HC		20 1714	SCREW NUT CRT H7 M5/M3 SCM2840
36 3501			80 1756	PLATE MN 40 SCM28 COVER CLEAR
36 3595			80 1895	FIX MN 40 SCM28 CRT SET
36 6102			80 2312	CASE MN 40 SCM28 CASE CPL V2
36 6103			#D 2633	CASE MN 40 SCH28 BACKCOVER
36 74546	RIVET F IN IN SSD42SSBS D3,2		80 2941	MODIF. CRT BLACK LINE 130956
36 7457	RIVET P AL FE TAP/D/BS410 D3,2		80 4099	BOX FIT SCM2846/40 CPL
36 7502	WASHER DIN6798 A 3,2		80 4112	BOX 0201 705X545X588 HOHOH
36 7503	WASHER DIN6798 A 4,3	0011	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
36 7504	WASHER DIN6798 A 5,3	9011	30 1433	
59 0206	LABEL EARTH			

SCM 2840 MK II RGB

3 3 3 3 3 3	33 30599 30 6663 31 2000 32 61031 34 8019 34 8020	OPIBAR SCH 2840 MKII RGB COIL MN 40 DEGAUSS SCH28 SPRING 7 X50 /0,6 CORD MAINS 3X0,75MH2 2XEUR(S) WIRE TIE L100	-	36 7502 36 7503 36 7504	WASHER DIN6798 A 3,2 WASHER DIN6798 A 4,3
3 3 3 3 3 3	30 6663 31 2000 32 61031 34 8019	COIL MN 40 DEGAUSS SCM28 SPRING 7 X50 /0,6 CORD MAINS 3X0,75MM2 2XEUR(S)		36 7503	WASHER DIN6798 A 4,3
3 3 3 3 3 3	30 6663 31 2000 32 61031 34 8019	COIL MN 40 DEGAUSS SCM28 SPRING 7 X50 /0,6 CORD MAINS 3X0,75MM2 2XEUR(S)			
3 3 3 3 3	31 2000 32 61031 34 8019	CORD MAINS 3X0,75MM2 2XEUR(S)		36 7504	
3 3 3 3	32 61031 34 8019	CORD MAINS 3X0,75MM2 2XEUR(S)			WASHER DIN6798 A 5,3
3 3 3	34 8019			71 4937	NUT SC M3 BV M
3				72 1709	FIX TV 40 CASE UP 56
3	24 0454	WIRE TIE L110		72 1813	FIX MN 40 DCD26 FRAME
3	34 8024	FASTENER WIRE SADDLE LWS-2R-A		72 2050	FRF MN 40 SCM28
_	34 8073	WIRE TIE L356 B2.4		76 11297	UN AKWADAG(1260) TV 40 70
	34 8076	WIRE STANDOFF D11,9 H19		76 1682	UN FRAME MN 40 SCM28 BLACKLIN
	34 8218	UN WIRE MN 40 SCM28 CVS P		76 1687	UN I/O MN 40 SCM28 RGB MK2
	34 93755	CORD BE DEF CPL 34		76 1936	UN DEC MN 40 PCM21 RGB SD
	35 6107	HANDLE CASE MN VIDEONALL 273.1		80 0194	FIX TV 40 DEC FRAME
	36 1914	SCREW DIN965 M 3 X10 MC+		80 0217	SPRING TV 40 RGB
	36 19245	SCREW DIN965 M 4 X10 MC+		80 1547	CASE MN 40 SCH28 FIX CENTREP
	36 2066	SCREW DIN84 M 5 X10 MP-		80 1549	CASE MN 40 SCM28 BACKCOVER
	36 2077	SCREW DIN84 M 6 X10 MP-		80 1572	CASE MN 40 SCM28 SPACER CRT
_	36 2121	SCREW DIN7985 M 3 X 6 MP+		#0 1584	CASE MN 40 SCM28 FIX FRAME L
	36 21525	SCREW DIN7985 M 4 X10 MP+		80 1585	CASE MN 40 SCM28 FIX FRAME R
		SCREW DIN7985 M 4 X12 TWOLOK		80 1618	FIX MN 40 SCM28 PLATE
	36 21533	SCREW DIN7985 M 4 X16 MP+		80 1714	SCREW NUT CRT H7 M5/M3 SCM284
	36 2154	SCREW DIN921 M 3 X10 MP-		80 1756	PLATE MN 40 SCH28 COVER CLEAR
	36 26705	SCREW DIN7976 2,9x 6,5 M HC		80 1895	FIX MN 40 SCM28 CRT SET
	36 3501			80 2312	CASE MN 40 SCM28 CASE CPL V2
	36 3595			80 2941	MODIF. CRT BLACK LINE 130956
	36 6102			80 4099	BOX FIT SCM2846/40 CPL
	36 6103	NUT DIN934 M 4 HEXAGON RIVET W IN IN SSD42SSBS D3,2		80 4112	BOX 0201 705X545X588 HOHOH
	36 74546	DIVET H IN IN SSU4ZSSBS U3.Z			

SIT.	ITEM NUMBER	ITEM DESCRIPTION	SIT.	ITEM NUMBER	ITEM DESCRIPTION
				*	
001.	34 8004	WIRE TIE L140		36 7503	WASHER DIN6798 A 4,3
0011	36 7455	RIVET F AL FE TAP/D/BS46 D3,2		36 7504	WASHER DIN6798 A 5,3
	03 30599	OPIBAR SCM 2840 MKII RGB		71 4937	NUT SC M3 BV MS
	31 2000	SPRING 7 X50 /0,6		72 1709	FIX TV 40 CASE UP 56
	32 6111	CORD MAINS 3XANG18 UL-CSA/EUR		72 1813	FIX MN 40 DCD26 FRAME
	34 8004	WIRE TIE L140		72 2050	FRF MN 40 SCM28
	34 8019	WIRE TIE L100		76 11297	UN AKWADAG(1260) TV 40 70
	34 8020	WIRE TIE L110		76 1687	UN I/O MN 40 SCM28 RGB MK2
	34 8024	FASTENER WIRE SADDLE LWS-2R-A		76 1936	UN DEC MN 40 PCM21 RGB SD
	34 8076	WIRE STANDOFF D11,9 H19		76 1941	UN FRAME MN 40 SUP SCH28 110 B
	34 8218	UN WIRE MN 40 SCM28 CVS P		77 41619	COIL DEGAUSSING MN 40 SCM28CSA
	34 93755	CORD BE DEF CPL 34		80 0194	FIX TV 40 DEC FRAME
	35 6107	HANDLE CASE NO VIDEOWALL 273.1		80 0217	SPRING TV 40 RGB
	36 1914	SCREW DIN965 N 3 X10 MC+		80 1547	CASE MN 40 SCM28 FIX CENTREP
	36 19245	SCREW DIN965 M 4 X10 MC+		#G 1572	CASE MN 40 SCM28 SPACER CRT
	36 2066	SCREW DIN84 M 5 X10 MP-		80 1584	CASE MN 40 SCM28 FIX FRAME L
	36 2077	SCREW DIN84 M 6 X10 MP-		80 1585	CASE MN 40 SCM28 FIX FRAME R
	36 2121	SCREW DIN7985 M 3 X 6 MP+		80 1618	FIX MN 40 SCM28 PLATE
	36 21525	SCREW DIN7985 M 4 X10 MP+		80 1627	ISOL MN 40 SCM28 STRIP L30X585
	36 21533	SCREW DIN7985 M 4 X12 TWOLOK		80 1628	ISOL MN 40 SCM28 STRIP L30X440
	36 2154	SCREW DIN7985 M 4 X16 MP+		80 1714	SCREW NUT CRT H7 M5/M3 SCM2840
	36 26705	SCREW DIN921 M 3 X10 MP-		EQ 1756	PLATE MN 40 SCM28 COVER CLEAR
	36 3501	SCREW DIN7976 2,9X 6,5 M HC		80 1895	FIX MN 40 SCM28 CRT SET
	36 3595	SCREW DIN7981 2,2X 4,5 MP+C		8 0 2312	CASE MN 40 SCM28 CASE CPL V2
	36 6102	NUT DIN934 M 3 HEXAGON		80 2833	CASE MN 40 SCM28 BACKCOVER
	36 6103	NUT DIN934 M 4 HEXAGON		80 2941	MODIF. CRT BLACK LINE 130956
	36 74546	RIVET P IN IN SSD42SSBS D3,2		#0 4099	BOX FIT SCM2846/40 CPL
	36 7457	RIVET P AL FE TAP/D/BS410 D3,2		80 4112	BOX 0201 705X545X588 HOHOH
	36 7502	WASHER DIN6798 A 3,2	0011	36 7455	RIVET F AL FE TAP/D/BS46 D3,2

Decoders

- * Printed circuit board
- * Adjustment procedure

76 1686 : P/S/N3/N4 decoder

- * Schematic diagram
- * Parts listing

76 1936 : Decoder RGB

- * Schematic diagram
- * Parts listing

76 1942 : P/S/N4 decoder

- * Schematic diagram
- * Parts listing

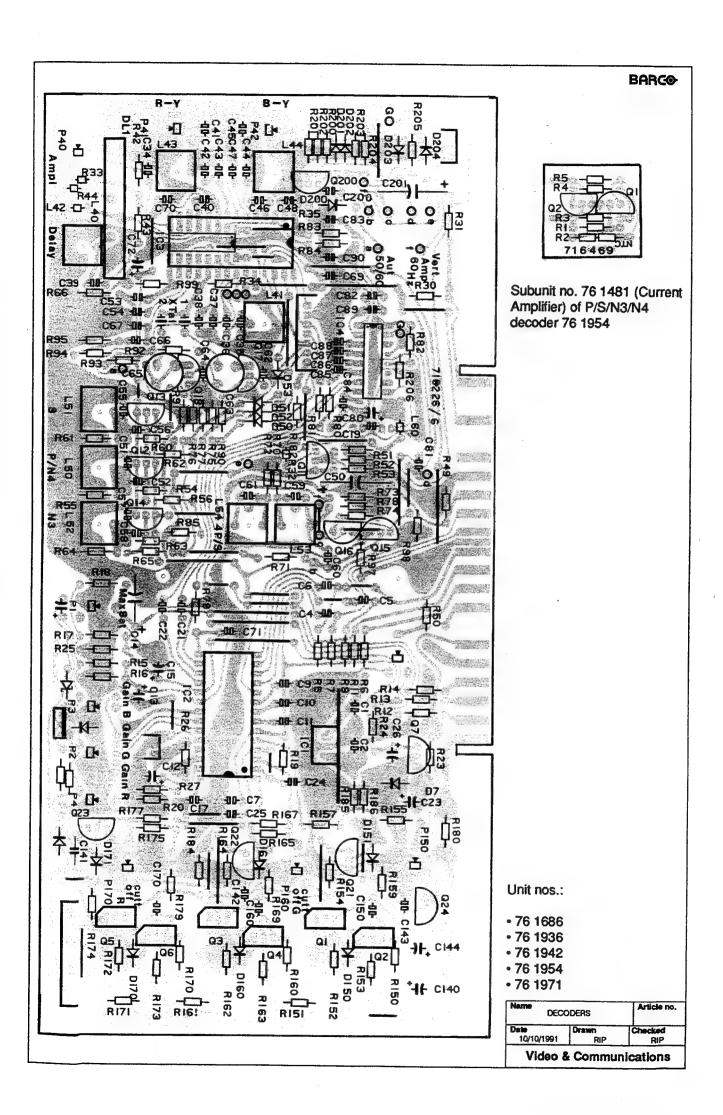
76 1954: P/S/N3/N4 decoder

- * Schematic diagram
- * Parts listing

76 1971 : P/S/N3/N4 decoder

- * Schematic diagram
- * Parts listing

SERVICE SHEET



A. Adjustment procedure for decoder no. 76 1686

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat.
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma fitter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see page 7). Fig.B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

5. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

Feed an NTSC3,58 test pattern.

9. Reference oscillator (C65)

- If you get no color, adjust trimming capacitor C65 until you see color on the screen.
- Short-circuit pin 17 of IC3 to ground.
- Adjust C65 to obtain a color zero beat.
- Remove the short-circuit.

10. Chroma rejector (L53)

- Connect an oscilloscope to pin 15 of IC2 (Y-signal).
- Adjust L53 to obtain a minimal chroma component in the Y-signal.

11. Chroma filter (L52)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L52 to obtain a maximal chroma signal.

12. Maximum saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 *B out* (side plug D).
- Adjust P1 so that the bleu signals are on the same level (see fig. C)

13. Gain (P4, P2, P3)

- Switch off the beam current limiter by short circuiting diode D7.
- Adjust colour saturation and brightness for 2,5/ and contrast for 3V on the edge connector J3.
- Adjust the potentiometer P4 (red), P2 (green) and P3 (blue) until the amplitude value (between black and white level with a video input signal of 1 Vpp) of the colours ignal on the respective output (plug D) corresponds to the values indicated below:
- Red: 90V, Green: 95V, Blue: 100V.

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- Remove the short-circuit.

B. Adjustment procedure for RGB decoder no. 76 1936

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42 on the I/O board) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41 on the I/O board) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer on the I/O board in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) for a voltage of R=5,6V, G=6,5V and B=7,9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42 on the I/O board) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct aldjustment is obtained.

C. Adjustment procedure for decoder no. 76 1942

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until vou see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero heat
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see page 7). Fig.B shows the situation in case of an incorrect
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

5. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

9. Max. saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 "B out" (side plug D).
- Adjust P1 so that the bleu signals are on the same level (see fig. C).

10. Gain (only for DCD 2440 MKII and DCD 2840 MKII)

- Switch off the beam current limiter by short circuiting diode D7.
- Adjust colour saturation and brightness for 2,5V and contrast for 3V on the edge connector J3.
- Adjust the potentiometer P4 (red), P2 (green) and P3 (blue) until the amplitude value (between black and white level with a video input signal of 1 Vpp) of the colour signal on the respective output (plug D) corresponds to the values indicated below:
 - Red: 90V, Green: 95V. Blue: 100V.
- Remove the short-circuit.

Remark: For these adjustments a colour analyser is needed.

11. Brightness and contrast adjustment (only for SCM 2140)

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42 on the I/O board) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41 on the I/O board) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

12. Colour temperature adjustment (only for SCM 2140)

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) for a voltage of R=5,6V, G=6,5V and B=7,9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the other two presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

D. Adjustment procedure for decoder no. 76 1954

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat.
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see next page). Fig.B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

8. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

Feed an NTSC3,58 test pattern.

9. Reference oscillator (C65)

- If you get no color, adjust trimming capacitor C65 until you see color on the screen.
- Short-circuit pin 17 of IC3 to ground.
- Adjust C65 to obtain a color zero beat.
- Remove the short-circuit.

10. Chroma rejector (L53)

- Connect an oscilloscope to pin 15 of IC2 (Y-signal).
- Adjust L53 to obtain a minimal chroma component in the Y-signal.

11. Chroma filter (L52)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L52 to obtain a maximal chroma signal.

12. Max. saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 *B out* (side plug D).
- Adjust P1 so that the bleu signals are on the same level (see fig. C).

Remark: For these adjustments a colour analyser is needed.

13. Brightness and contrast adjustment

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Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

14. Colour temperature adjustment

The colour temperature adjustment has to be done by means of six multiturn potmeters. The multiturns for red, green and blue under the colour temperature switch are selected for 8000 K, the ones above this switch for 3200 K. Putting the switch to the right will make the monitor choose the 8000 K colour temperature, putting the switch to the left will select the 3200°K colour temperature.

- Set the contrast potentiometer in its maximum position.
- Put the colour temperature switch in the right position (8000K).
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the multiturns for red (P1), green (P2) and blue (P3) on the I/O board for a voltage of R=5,6V, G=6.5V and B=7.9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor.
- Set up the multiturns for red (P1), green (P2) and blue (P3) on the I/O board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct aldjustment is obtained.
- Put the colour temperature switch in the left position (3200K).
- Connect a 1Vpp 100% white video signal to the monitor
- Preadjust the multiturns for red (P4), green (P5) and blue (P6) on the I/O board for a voltage of R=7,5V, G=4,7V and B=0,6V.
- Set up the multitums for red (P4), green (P5) and blue (P6) on the I/O board to get a light output of 250 nit with a colour temperature of 3200K.

E. Adjustment procedure for decoder no. 76 1971

Feed a PAL color test pattern.

1. Reference oscillator (C63)

- If there is no color, adjust trimming capacitor C63 until you see a color picture.
- Short-circuit pin 17 of IC3 to ground.
- Adjust the trimming capacitor C63 to obtain a color zero beat
- Remove the short-circuit.

2. Chroma rejector (L54)

- Connect an oscilloscope to pin 2 of IC2 (Y-signal).
- Adjust L54 to obtain a minimal chroma component in the Y-signal.

3. Chroma filter (L50)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L50 to obtain a maximal chroma signal.

4. Delay line matrix (L40-P40)

- Connect an oscilloscope to pin 18 of IC2 ((B-Y) signal).
- Adjust L40 (delayed phase adjustment) and P40 (delayed amplitude adjustment) to obtain the situation of fig. A (see page 7). Fig.B shows the situation in case of an incorrect adjustment.
- Write down the amplitude of the (B-Y) signal.
- Connect an oscilloscope to pin 17 of IC2 ((R-Y) signal).
- Write down the amplitude of the (R-Y) signal.

Feed a SECAM color test pattern.

8. SECAM identification (L41)

- Connect a voltmeter between pins 20 and 21 of IC3.
- Adjust L41 to obtain a maximal voltage reading with correct color reproduction.

6. Bell filter (L51)

- Connect an oscilloscope to pin15 of IC3.
- Adjust L51 to obtain a flat amplitude between two successive video lines.

7. (B-Y) discriminator (L44-P42)

- Connect an oscilloscope to pin 18 of IC2.
- Adjust L44 so that the level of the (B-Y) signal without color information equals the level during blanking.
- Adjust P42 to obtain the same amplitude of the (B-Y) signal as in §4.

8. (R-Y) discriminator (L43-P41)

- Connect an oscilloscope to pin 17 of IC2.
- Adjust L43 so that the level of the (R-Y) signal without color information equals the level during blanking.
- Adjust P41 to obtain the same amplitude of the (R-Y) signal as in §4.

Feed an NTSC3,58 test pattern.

9. Reference oscillator (C65)

- If you get no color, adjust trimming capacitor C65 until you see color on the screen.
- Short-circuit pin 17 of IC3 to ground.
- Adjust C65 to obtain a color zero beat.
- Remove the short-circuit.

10. Chroma rejector (L53)

- Connect an oscilloscope to pin 15 of IC2 (Y-signal).
- Adjust L53 to obtain a minimal chroma component in the Y-signal.

11. Chroma filter (L52)

- Connect an oscilloscope to pin 15 of IC3 (C-signal)
- Adjust L52 to obtain a maximal chroma signal.

12. Maximum saturation (P1)

- Connect a voltmeter to edge contact 3 of the PC board connector.
- Adjust the colour saturation with the potentiometer on the I/O board for +3,33V reading on the voltmeter.
- Connect the oscilloscope to resistor R150 *B out* (side plug D)
- Adjust P1 so that the bleu signals are on the same level (see fig. C).

13. Gain (only for PAT OCM 2840 MKII))

- Switch off the beam current limiter by short circuiting diode D7.
- Adjust colour saturation and brightness for 2,5V and contrast for 3V on the edge connector J3.
- Adjust the potentiometer P4 (red), P2 (green) and P3 (blue) until the amplitude value (between black and white level with a video input signal of 1 Vpp) of the colour signal on the respective output (plug D) corresponds to the values indicated below:

Red: 90V, Green: 95V, Blue: 100V.

- Remove the short-circuit.

Remark: For these adjustments a colour analyser is needed.

14. Brightness and contrast adjustment (only for PAT SCM 2840 MKII)

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42 on the I/O board) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41 on the I/O board) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

15. Colour temperature adjustment (only for PAT SCM 2840 MKII)

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) for a voltage of R=5,6V, G=6,5V and B=7.9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the other two presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct aldjustment is obtained.

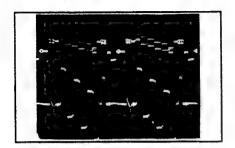


Fig. A: Upper track: video signal

Lower track: correctly adjusted PAL delay decoder

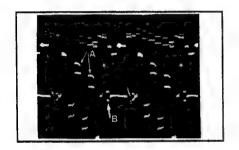


Fig. B:
Upper track: video signal
Lower track: A. incorrect PHASE setting
B. incorrect AMPLITUDE setting

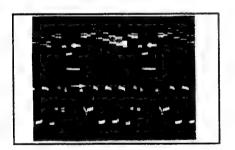


Fig. C:

Max. saturation P1:

Upper track: viewed VIDEO line Lower track: BLUE output signal

P/S/N4/N3 DECODER SVHS

76 1686

SERVICE SHEET Date: 31/05/91 76 1686

P/S/N4/N3 DECODER SVHS

SIT.	ITEM NUMBER	DESCRIPTION		SIT.	ITEM NUMBER	DESCRIPTION
C1	11 2774	C CE MI 1	00K U5 63	D171	13 1621	D 1N4148 SWITCH
	11 2774		00K US 63	D200	13 1621	D 1N4148 SWITCH
		C POMEFF 1		D200	13 1621	D 1N4148 SWITCH
	11 3724	C POMEFF 1		D201	13 1621	D 1N4148 SWITCH
	11 3724		00K K5 63		13 1621	D 1N4148 SWITCH
	11 3724				13 1621	D 1N4148 SWITCH
	11 2774		00K U5 63		13 1621	D 1N4148 SWITCH
	11 2770		22K U5 63			D 1N4148 SWITCH
C.10	11 2770		22K U5 63		13 1621	m 1N4148 SWITCH
C.11	11 2770		22K U5 63		13 1621	
C.12	11 1511	C ELPRMI	33M M5 16		13 1621	
C.13	11 1546	C ELPRMI	1M M5 50	D204	13 1621	I 1N4148 SWITCH
C.14	11 11841	C ELAX	1M T 40			
C.15	11 1510	C ELPRMI	22M M5 25	DL.1	30 6511	DELAY LINE M P/S DL710/1
C-17	11 3730	C POMEFF 3	30K K5 63			
	11 3724	C POMEFF 1	00K K5 63	11	13 4002	U 7812 +12V/1A STAB
	11 37161	C POMEFF	22K K5 100		13 2779	U 3505 TDA VID CTRL COMB
	11 37161		22K K5 100		13 2778	U 4555 TDA MULTI STD DEC
	11 1531		10M M5 35	14	13 2773	U 4560/65 TDA TRANS IMPR CIRC
	11 3730		30K K5 63			
			30K K5 63	L.40	77 4212	COIL N40 C5 D0,125 PALREC
	11 37161		22K K5 100	L.41	77 4212	COIL N40 C5 D0,125 PALREC
	11 2365	C N750MI 1			30 6024	CHOKE RA NS 10 UH
	11 2739	C CE MI	1K K5 63		77 4212	COIL N40 C5 DO, 125 PALREC
			22K K5 100		77 4212	COIL N40 C5 D0,125 PALREC
	11 37161		22K K5 100		77 4212	COIL N40 C5 DO, 125 PALREC
C.38		0 10100-			77 3310	COIL N27,5 B5 D0,14 IF32
	11 2774				77 4212	COIL N40 C5 D0,125 PALREC
	11 2763		10K U5 63		77 4211	COIL NS6 BS DO, 125 PHASE
C.41	11 2243	C NPO MI 1				COIL NS6 B5 D0,125 PHASE
	11 2234		22P G5 63	D.34	77 4211	
	11 2240	C NPO MI	68P J5 63		10 6100	R T CAMB 47K M OW1
C.44	11 2234	C NPO MI	22P G5 63		10 6109	
	11 2243	C NPO MI 3	120P J5 63		10 6107	
	11 2240	C NPO MI	68P J5 63		10 6107	R T CAMH 10K M 0W1
	11 2366	C N750MI 2	220P JS 63		10 6107	R T CAMH 10K M 0W1
	11 2366	C N750MI 2	220P J5 63	P.40	10 6102	R T CAMH 220E M OW1
	11 11565	E ELAX	10M 2 25	P.41	10 6105	R T CAMH 2K2 M 0W1
	11 2364	C N750MI :	150P J5 63	P.42	10 6105	R T CAMH 2K2 M 0W1
	11 2739	C CE MI	1K K5 63			
	11 2366	C N750MI		PC	71 6226	PCB TV 40 DEC Q RGB ABL 761368
	11 3730	E POMEFF				
	11 59061	C PP RA		01	13 25146	g BF869 N 250 / 30
	11 2739	C CE MI	1K K5 63	02	13 25146	Q BF869 N 250 / 30
		C N750MI			13 25146	Q BF869 N 250 / 30
	11 2366	C CE MI	1K K5 63		13 25146	Q BF869 N 250 / 30
	11 2739				13 25146	Q BF869 N 250 / 30
	11 2243				13 25146	Q BF869 N 250 / 30
	11 3732	• • • • • • • • • • • • • • • • • • • •	470K K5 63		13 1491	BSX20,2369 N 15 / 0A2
	11 22415	C NPO MI	82P J5 63		13 1429	Q BC548B N 30 / 0A1
C.62	11 2739	C CE MI	1K K5 63			Q BC548B N 30 / 0A1
C.63	11 7001	CT 7	-35P 160		13 1429	-
C.64	11 2739	C CE MI	1K K5 63		13 1429	
C.65	5 11 7001	C T 7	-35P 160		13 1429	
C.66	5 11 3730	C POMEFF	330K K5 63		13 1429	
C.67	7 11 3720	C POMEFF	47K K5 63		13 1429	Q BC548B N 30 / 0A1
	9 11 2739	C CE MI	1K K5 63	Q.17	13 1429	Q BC548B N 30 / 0A1
	0 11 3728	C POMEFF	220K K5 63	Q.18	3 13 1429	Q BC548B N 30 / 0A1
	1 11 2238	C NPO MI	47P G5 63	0.21	l 13 2507	© BF324 P 30 / 25
	2 11 1510	C ELPRMI	22M M5 25		2 13 2507	Q BF324 P 30 / 25
	0 11 1510	C ELPRMI	22M MS 25	Q.23	3 13 2507	Q BF324 P 30 / 25
	1 11 3730		330K K5 63		13 14311	Q BC327 P 45 / 0A5
	2 11 3730	C POMEFF			13 1429	Q BC548B N 30 / 0A1
	3 11 2242	C NPO MI			13 14182	Q BC559C P 30 / 0A1
		C CE MI				
	4 11 2735			R	5 10 11231	R CF 75E J 0W25
	5 11 2735	C CE MI C N750MI	330P J5 63		6 10 1100	R CF 1E J 0W25
	6 11 2368		56P G5 63		7 10 11231	R CF 75E J 0W25
	7 11 22395	C NPO MI			9 10 11231	R CF 75E J 0W25
	8 11 22395	C NPO MI			1 10 11231	R CF 75E J 0W25
	9 11 3730	C POMEFF	330K K5 63		2 10 1152	R CF 22K J 0W25
	0 11 2242	C NPO MI	100P JS 63			R CF 47K J 0W25
	0 11 1571	C ELPR C POMEFF C CE MI	2M2 M5 350		3 10 1156	
C14	1 11 4132	C POMEFF	100K K 250		4 10 1156	
	2 11 2774	C CE MI	100K U5 63		S 10 1159	R CF 82K J 0W25
	3 11 2774	C CE MI	100K U5 63		6 10 1149	R CF 12K J 0W25
	4 11 1478	C ELPR	220M Z5 25	R.1	7 10 1160	R CF 100K J 0W25
	0 11 2831	C CE DI		R.1	8 10 1159	R CF 82K J 0W25
		C CE DI	3K3 S 400		3 10 1124	R CF 100E J 0W25
	0 11 2831	C ELPR C CE DI C CE DI C CE DI	3K3 \$ 400		4 10 1142	R CF 3K3 J 0W25
	0 11 2831	C CE DI C N750MI	220P .75 63		5 10 1154	R CF 33K J 0W25
	0 11 2366	C N/SUMI	10M 9 25		6 10 1145	R CF 5K6 J 0W25
C20	1 11 11565	C ELAX	10M Z 25		7 10 1153	R CF 27K J 0W25
			AVITAGO		0 10 1139	R CF 1K8 J 0W25
	7 13 1621	D 1N4148	SWITCH			
D.5	0 13 1621	B 1N4148	SWITCH		0 10 1139	
D.5	13 1621	D 1N4148	SWITCH		1 10 1141	
	2 13 1621	D 1N4148	SWITCH		2 10 0124	R CF V 100E J5 0W25
	3 13 1621	D 1N4148	SWITCH		3 10 0364	R MF V 220K J 0W25
	0 13 1628	D BAW62	SWITCH		4 10 1172	R CF 1M J 0W25
	51 13 1621	D 1N4148	SWITCH	R.4	2 10 1137	R CF 1K2 J 0W25
	60 13 1628	D BAW62	SWITCH		3 .10 1131	R CF 390E J 0W25
		D 1N4148	SWITCH		4 10 0327	R MF V 180E J 0W25
	61 13 1621	D BAW62	SWITCH		19 10 1130	R CF 330E J 0W25
D17	70 13 1628	M DVM47	D112 & D10			

P/S/N4/N3 DECODER SVHS

SIT.	ITEM NUMBER	DES	CRIPT	ION		
R.50	10 1148	R	CF	10K	J	0W25
R.51	10 1153	E	CF	27K	J	0W25
R.52	10 1151	R	CF	18K	J	0W25
R.53	10 1136	R	CF	1K	J	0W25
R.54	10 1138	R	CF	1K5	3	0W25
R.55	10 1142	R	CF	3K3	J	0W25 0W25
R.56	10 1150	R R	CF	15K 2K2	J	0W25
R.60 R.62	10 1140 10 1150	R	CF	15K	J	0W25
R.63	10 1132	R	CF	470E	J	0W25
R. 64	10 1127	R	CF	180E	J	0W25
R.65	10 1150	R	CF	15K	J	0W25
R.66	10 1140	R	CF	2K2	J	0W25
R.70	10 1122	R	CF	68E	J	0W25
R.71	10 1150	R	CF	15K	J	0W25
R.72	10 1122	R	CF	68E 680E	J J	0W25
R.73 R.74	10 1134	R	CE	2K2	3	0W25
R.75	10 1144	R	CF	4K7	J	0W25
R.76	10 1144	R	CF	4K7	3	0W25
R.77	10 1144	R	CF	4K7	J	0W25
R.78	10 1134	R	CF	680E	J	0W25
R.79	10 1124	R	CF	100E	J	0W25
R.80	10 1128	R	CF	220E	J	0W25
R.81	10 1128	R	CF	220E	J	0W25
R.82	10 1137	R	CF	1K2	J	0W25 0W25
R.83	10 1136	R	CF	1K 1K	J	0W25
R.84 R.90	10 1136 10 1148	R	CF	10K	J	0W25
R.91	10 1148	R	CF	10K	J	0W25
R. 92	10 1148	H.	CF	10K	J	0W25
R.93	10 1148	R	CF	10K	J	DW25
R.94	10 1144	R	CF	4K7	3	0W25
R.95	10 1148	R	CF	10K	J	0W25
R.97	10 1150	R	CF	15K	J	0W25
R.98	10 1142	R	CF	3K3	3	0W25
R.99	10 1164	R	CF	220K	J J	0W25 0W25
R150 R151	10 1124 10 0234	R R	CF '	100E V 6K8	J5	OW5
R151	10 0234 10 0234	R	CF '		J5	OW5
R153	10 01369	R	CFF		J5	0W25
R154	10 1134	R	CF	680E	J	0W25
R157	10 1137	R	CF	1K2	J	0W25
R159	10 3158	R	MO	68K	J	0W7
R160	10 1124	R	CF	100E	J	0W25
R161	10 0234	R		v 6K8	JS	OW5
R162	10 0234	R N	CFF		J5 J5	0W5 0W25
R163	10 01369 10 1134	R	CF	680E	J	0W25
R164 R167	10 1136	R	CF	1K	J	0W25
R169	10 3158	R	MO	68K	3	0W7
R170	10 1124	R	CF	100E	J	0W25
R171	10 0234	R		V 6K8	J5	OW5
R172	10 0234	R		V 6K8	J5	0W5
R173	10 01369	R	CFF		J5	0W25
R174	10 1134	R	CF	680E	J	0W25
R177	10 1135	8	CF MO	820E 68K	J J	0W25
R179 R180	10 3158 10 11249	R	CFF		J	0W25
	10 1138	R	CF	1K5		0W25
R184	10 1133	R		560E	J	0W25
R185	10 1131	R	CF	560E 390E 560E	J	0W25
R186	10 1133	R	CF	560E	J	0W25
R200	10 1140	R	CF	2K2 47K	J	0W25
	10 1156	R	CF		J	0W25
R202	10 1144	R	CF			0W25 0W25
	10 1154	R R	CF	33K 15K		0W25
K204	10 1150 10 1136	R	CF	1K5		0W25
	10 1136		-	2200	•	
XT.1	30 6816			8,867 238		
XT.2	30 6849	X-	TAL	7,159 090) MH2	Z SMM
	76 1600D	UN	DEC	TV 40 Q I	RGB S	SVHS
001.	31 3251		PIN	MBT D 0,		
	31 3572		MT	MBT P 3 MBT P 4	2,	S TOCK
	31 35780		MT MT	MBT P 7	2.1	BLU
003.	31 35866 30 2061			ON 10X10X	12	
	31 3584		MT	MBT P 2		5 BLA
006	31 33921			FMT P 2		
	MO 1001	SC	REEN	MN 40 DE	C QU	AD.
	34 8100			UMPER 0,6		
	34 6989	SI	EEVE	SHRINK D	1,2/	0,6 BLA

SERVICE SHEET Date: 31/05/91 76 1936

DECODER RGB

SIT.	ITEM NUMBER	DESCRIPTION
C1	11 2774	C CE MI 100K U5 63 C CE MI 100K U5 63 C POMEFF 100K K5 63 C POMEFF 100K K5 63 C POMEFF 100K K5 63 C CE MI 100K U5 63 C CE MI 22K U5 63 C ELPRMI 1 M M5 50 C ELPRMI 1 M M5 50 C ELPRMI 22M M5 25 C POMEFF 330K K5 63 C ELPRMI 100M M5 35 C POMEFF 330K K5 63 C POMEFF 330K K5 63 C POMEFF 330K K5 63 C POMEFF 350K K5 63 C POMEFF 350K K5 63 C POMEFF 100K K5 63 C ELPR 2M2 M5 350 C POMEFF 100K K 250 C C MI 100K U5 63 C CE MI 100K U5 63
	11 3724	C POMEFF 100K K5 63
C5	11 3724	C POMEFF TOOK KS WS
C6	11 3724 11 2774	C POMEFF 100K K5 63 C POMEFF 100K K5 63 C POMEFF 100K K5 63 C CE MI 100K U5 63 C CE MI 22K U5 63
	11 2774	C CE MI 100K U5 63
	11 2770	C CE MI 22K U5 63 C CE MI 22K U5 63
C.10	11 2770	C CE MI 22K U5 63
C.11	11 2770	C CE MI 22K U5 63
C.12	11 1511	C ELPRMI 33M M5 16
C.13	11 1511 11 1546	C ELPRMI 1M M5 50
C.15	11 1510	C ELPRMI 22M M5 25
C.17	11 3730	C POMEFF 330K K5 63
C.23	11 1531	C ELPRMI 10M M5 35
C.24	11 3730	C POMEFF 330K K5 63
C.25	11 3730	C POMEFF 330K K5 63
C.71	11 3730 11 3730 11 3724	C POMEFF 100K K5 63
C140	11 1571	C CE MI 22K US 63 C ELPRMI 33M MS 16 C ELPRMI 1M M5 50 C ELPRMI 22M M5 25 C POMEFF 330K K5 63 C ELPRMI 10M M5 35 C POMEFF 330K K5 63 C POMEFF 300K K5 63 C POMEFF 100K K5 63 C POMEFF 100K K5 63 C ELPR 2M2 M5 350 C POMEFF 100K K 250 C CE MI 100K US 63
C141	11 1571 11 4132	C POMEFF 100K K 250
	11 2774	C CE MI 100K U5 63
C143	11 2774	C CE MI 100K U5 53 C ELPR 220M 25 25 C CE DI 3K3 S 400
C144	11 1478	. C ELPR 220M 25 25
	11 2831	C CE DI 3K3 S 400
	11 2831	
C170	11 2831	C CE DI 3K3 S 400
D 7	13 1621	D 1N4148 SWITCH
	13 1628	D BAW62 SWITCH
D151	13 1621	D 1N4148 SWITCH
	13 1628	D BAW62 SWITCH
		D 1N4148 SWITCH
D101	13 1621 13 1628	
D170	13 1621	D BAW62 SWITCH D 1N4148 SWITCH
טווע	13 1621	D ANTIQUE
T 1	13 4002	U 7812 +12V/1A STAB
12		U 3505 TDA VID CTRL COMB
2	20 27.75	
P2	10 6107	R T CAMH 10K M 0W1
P 3	10 6107	R T CAMH 10K M · 0W1
P4	10 6107	R T CAMH 10K M 0W1
	•	
PC	71 6226	PCB TV 40 DEC Q RGB ABL 761368
Q1	13 25146	Q BF869 N 250 / 30 Q BF869 N 250 / 30
	13 25146	© BF869 N 250 / 30
Q 4		
	13 25146	BF869 N 250 / 30
Q3	13 25146 13 25146	© BF869 N 250 / 30 Q BF869 N 250 / 30
Q3 Q4	13 25146	© BF469 N 250 / 30 © BF869 N 250 / 30 © BF869 N 250 / 30
Q3 Q4 Q5	13 25146	Q BF869 N 250 / 30 Q BF869 N 250 / 30 Q BF869 N 250 / 30 Q BF869 N 250 / 30
Q3 Q4 Q5 Q6 Q7	13 25146 13 25146 13 25146 13 1491	Q BF869 N 250 / 30 Q BF869 N 250 / 30
Q3 Q4 Q5 Q6 Q7	13 25146 13 25146 13 25146 13 1491	Q BF869 N 250 / 30 Q BSX20,2369 N 15 / 0A2 Q BF324 P 30 / 25
Q3 Q4 Q5 Q6 Q7 Q.21	13 25146 13 25146 13 25146 13 1491 13 2507	D BF669 N 250 / 30 D BF869 N 250 / 30 D BSX20,2369 N 15 / 0A2 D BF324 P 30 / 25 D BF324 P 30 / 25
Q3 Q4 Q5 Q6 Q7 Q.21	13 25146 13 25146 13 25146 13 1491 13 2507	© BF869 N 250 / 30 © BSX20,2369 N 15 / 0A2 © BF324 P 30 / 25 © BF324 P 30 / 25 © BF324 P 30 / 25
Q3 Q4 Q5 Q6 Q7 Q.21	13 25146 13 25146 13 25146 13 1491 13 2507	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5
Q3 Q4 Q5 Q6 Q7 Q.21	13 25146 13 25146 13 25146 13 1491 13 2507	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BF327 P 45 / 0A5
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24	13 25146 13 25146 13 25146 13 1491 13 2507	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BF327 P 45 / 0A5 R CF 75E J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BF327 P 45 / 0A5 R CF 75E J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BF327 P 45 / 0A5 R CF 75E J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 1100	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 F 45 / 0A5 R CF 75E J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BC327 P 45 / 0A5 Q BC327 P 45 / 0A25 Q BC327 P 45 / 0A25 Q BC327 P 45 / 0A25 Q BC327 P 47 / 0A25 Q BC327 P 47 / 0A25 Q BC5 Q BC327 P 47 / 0A25 Q BC5 Q
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R9	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231	BF869
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R9 R.11	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 F 45 / 0A5 R CF 75E J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R9 R.11 R.13	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11256 10 1156 10 1156	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 Q BC327 P 45 / 0A25 Q BC327 P 47 M 20 Q M25 Q BC CF 75E J 0W25 Q BC CF 75E J 0W25 Q BC CF 47 M J 0W25 Q B
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R9 R.11 R.14 R.15 R.15 R.15	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11256 10 1156 10 1156	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 F 45 / 0A5 R CF 75E J 0W25 R CF 82K J 0W25
Q3 Q4 Q5 Q6 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R9 R.11 R.13 R.14 R.15 R.16	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11256 10 1156 10 1159 10 1149 10 1160	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 100K J 0W25 R CF 100K J 0W25
Q3 Q4 Q5 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R11 R.11 R.115 R.116 R.117 R.117	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1159 10 1149 10 1160 10 1124	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25
Q3 Q4 Q5 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R.11 R.13 R.14 R.15 R.16 R.17 R.23	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1159 10 1149 10 1160 10 1124 10 1124	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 12K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25
Q3 Q4 Q5 Q7 Q.21 Q.22 Q.23 Q.24 R5 R6 R7 R.11 R.13 R.14 R.15 R.16 R.17 R.23	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11256 10 1156 10 1156 10 1159 10 1149 10 1160 10 1124 10 1142	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12K J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 3XX J 0W25 R CF 3XX J 0W25
Q3 Q4 Q5 Q7 Q.22 Q.23 Q.24 R5 R6 R7 R.11 R.13 R.14 R.15 R.16 R.23 R.24	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1156 10 1154 10 1142 10 1144	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 12K J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 33K J 0W25
Q3 Q4 Q6 Q7 Q.22 Q.23 Q.24 R5 R6 R7 R.11 R.14 R.15 R.15 R.15 R.15 R.23 R.25 R.25	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1159 10 1149 10 1160 10 1124 10 1124 10 1124 10 1145 10 1145	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 333K J 0W25
Q3 Q4 Q5 Q6 Q.22 Q.23 Q.24 R5 R7 R13 R.14 R.15 R.15 R.17 R.23 R.25 R.25 R.25 R.25	13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11241 10 1156 10 1156 10 1159 10 1149 10 1160 10 1124 10 1142 10 1144 10 1145 10 1153 10 1153	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 1E J 0W25 R CF 12K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 33K J 0W25 R CF 5K6 J 0W25 R CF 5K6 J 0W25 R CF 5K6 J 0W25 R CF 10W25 R CF 10W25 R CF 10W25 R CF 10W25 R CF 31K J 0W25
Q3 Q4 Q5 Q2 Q.22 Q.23 Q.24 R5 R7 R11 R.14 R.15 R.17 R.23 R.24 R.27 R.27	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1156 10 1156 10 1155 10 1149 10 1141 10 1142 10 1145 10 1154 10 1155 10 1154 10 1153 10 1139 10 1139	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 100 0W25 R CF 100 0W25 R CF 100 J 0W25 R CF 333 J 0W25 R CF 333 J 0W25 R CF 333 J 0W25 R CF 334 J 0W25 R CF 336 J 0W25 R CF 586 J 0W25 R CF 188 J 0W25
Q3 Q4 Q6 Q21 Q.22 Q.23 Q.24 R6 R7 R.11 R.115 R.15 R.23 R.24 R.25 R.27 R.31	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1156 10 1156 10 1155 10 1149 10 1141 10 1144 10 1144 10 1144 10 1144	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 100K J 0W25 R CF 100K J 0W25 R CF 33K J 0W25 R CF 37K J 0W25 R CF 27K J 0W25 R CF 27K J 0W25 R CF 1K8 J 0W25 R CF 1K8 J 0W25 R CF 27K J 0W25 R CF 1K8 J 0W25 R CF 27K J 0W25 R CF 27K J 0W25 R CF 1K8 J 0W25 R CF 27K J 0W25
Q3 Q4 Q5 Q6 Q.22 Q.23 Q.24 R5 R7 R13 R.14 R.15 R.15 R.23 R.25 R.25 R.25 R.25 R.25	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1124 10 1156 10 1156 10 1156 10 1159 10 1149 10 1140 11 1144 10 1145 10 1153 10 1153 10 1153 10 1153 10 1141 10 1144	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 1E J 0W25 R CF 1E J 0W25 R CF 12K J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 3X3 J 0W25 R CF 3X3 J 0W25 R CF 3X3 J 0W25 R CF 100K J 0W25 R CF 10K J 0W25 R CF 1K J 0W25
Q3 Q4 Q5 Q2 Q22 Q23 Q24 R5 R13 R14 R15 R15 R24 R25 R26 R31 R24 R31 R24 R31 R24 R31 R31 R31 R32 R31 R32 R32 R32 R32 R33 R34 R34 R34 R34 R34 R34 R34 R35 R36 R	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1124 10 1149 10 1140 10 1144 10 1145 10 1153 10 1153 10 1154 10 1145 10 1153 10 1139 10 1141 10 1144 10 1124	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 1E J 0W25 R CF 1E J 0W25 R CF 12K J 0W25 R CF 47K J 0W25 R CF 47K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 3X3 J 0W25 R CF 3X3 J 0W25 R CF 3X3 J 0W25 R CF 100K J 0W25 R CF 10K J 0W25 R CF 1K J 0W25
Q3 Q4 Q5 Q21 Q.22 Q.23 Q.24 R5 R6 R9 R.11 R.14 R.15 R.24 R.25 R.27 R.31 R.21 R.21 R.25 R.27	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1154 10 1142 10 1144 10 1144 10 1144 10 1144 10 1144 10 0234	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 10025 R CF 1008 J 0W25 R CF 1008 J 0W25 R CF 1008 J 0W25 R CF 333 J 0W25 R CF 333 J 0W25 R CF 333 J 0W25 R CF 334 J 0W25 R CF 335 J 0W25 R CF 1008 J 0W25 R CF 188 J 0W25 R CF 100 J 0W25
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Q3 Q6 Q5 Q22 Q23 Q24 R5 R7 R14 R15 R24 R25 R25 R31 R24 R31 R24 R31 R31 R31 R31 R31 R31 R32 R31 R32 R31 R32 R31 R32 R31 R32 R31 R32 R31 R33 R34 R.	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1154 10 1149 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1124 10 0234 10 0234 10 0234 10 01369 10 1134	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12K J 0W25 R CF 33X J 0W25 R CF 100K J 0W25 R CF 100K J 0W25 R CF 3X3 J 0W25 R CF 100K J 0W25 R CF 3X3 J 0W25 R CF 10K J 0W25 R CF 1 10K J 0W25 R CF 10K J 0W25 R CF 1 10K J 0W25 R CF V 6K8 J 5 0W5
Q3 Q4 Q5 Q22 Q.22 Q.22 Q.23 Q.24 R5 R7 R11 R14 R15 R23 R24 R25 R27 R31 R31 R31 R31 R31 R31 R31 R31 R31 R31 R31 R32 R31 R32 R31 R32 R33 R.	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1124 10 1156 10 1156 10 1156 10 1154 10 1142 10 1144 10 1144 10 1144 10 1144 10 0234 10 0234 10 01369 10 1134 10 1136	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 100 J 0W25 R CF 100 J 0W25 R CF 100 J 0W25 R CF 333 J 0W25 R CF 100 J 0W25 R CF 27K J 0W25 R CF 27K J 0W25 R CF 100 J 0W25 R CF 1 0 0W25
Q3 Q4 Q5 Q21 Q.22 Q.23 Q.24 R6 R7 R.11 R.15 R.15 R.23 R.25 R.27 R.31 R.15 R.23 R.25 R.27 R.31 R.15 R.15 R.15 R.15 R.15 R.15 R.15 R.1	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1157 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 0234 10 0234 10 01369 10 1136 10 1136	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 100K J 0W25 R CF 3K3 J 0W25 R CF 3K3 J 0W25 R CF 3K6 J 0W25 R CF 3K6 J 0W25 R CF 1K8 J 0W25 R CF 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Q3 Q4 Q5 Q2 Q22 Q23 Q24 R5 R14 R145 R145 R24 R24 R24 R31 R3147 R3147 R3147 R3147	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 1100 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1154 10 1144 10 1144 10 1144 10 1144 10 1144 10 0234 10 01369 10 1134 10 01369 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 10K J 0W25 R CF 27K J 0W25 R CF 10K J 0W25 R CF 10K J 0W25 R CF 1 0 0W25 R CF 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Q3 Q6 Q5 Q22 Q23 Q24 R5 R7 R13 R14 R15 R23 R25 R25 R31 R25 R31 R25 R31 R	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1157 10 1149 10 1144 10 1144 10 1144 10 1144 10 1144 10 1124 10 0234 10 0234 10 01369 10 1134 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 1136 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BG327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12X J 0W25 R CF 47X J 0W25 R CF 47X J 0W25 R CF 47X J 0W25 R CF 100K J 0W25 R CF 10K J 0W25 R CF V 6K8 J 5 0W5 R CFFV 1K J 5 0W5 R CFFV 1K J 5 0W5 R CFFV 1K J 5 0W5
Q3 Q4 Q5 Q2 Q22 Q23 Q24 R5 R14 R14 R14 R14 R14 R24 R24 R25 R31 R314 R	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 1100 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1154 10 1141 10 1144 10 1145 10 1133 10 1134 10 0234 10 0234 10 01369 10 1134 10 0234 10 0234 10 0234 10 0234 10 0234 10 01369 10 1136 10 01369 10 1124 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0234 10 0236 10 1136 10 01369 10 1136	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12K J 0W25 R CF 12K J 0W25 R CF 100K J 0W25 R CF 10K J 0W25
Q3 Q6 Q6 Q22 Q23 Q24 R6 R9 R14 R14 R15 R15 R23 R25 R27 R31 R	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1124 10 1156 10 1156 10 1156 10 1154 10 1144 10 1144 10 1144 10 1144 10 1144 10 0234 10 0234 10 01369 10 1136 10 01369 10 1136 10 0234 11 00234 11 00234 11 00234 11 01369 10 1136 11 00234	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 100K J 0W25 R CF V 6K8 J5 0W5
Q3 Q4 Q5 Q22 Q23 Q22 Q23 Q24 R7 R14 R14 R14 R15 R23 R25 R25 R30 R31 R	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1157 10 1149 10 1144 10 1124 10 1153 10 1139 10 1141 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1144 10 1154 10 0234 10 01369 10 1136	Q BF869 N 250 / 30 Q BF324 P 30 / 25 Q BG327 P 45 / 0A5 R CF 75E J 0W25 R CF 1E J 0W25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 12 J 0W25 R CF 100 J 0W25 R CF 1 1 J 0W25 R CF 1 1 J 0W25 R CF 1 1 J 0W25 R CF 1 I J 0W25
Q3 Q6 Q6 Q22 Q23 Q24 R6 R9 R14 R14 R14 R14 R15 R23 R24 R25 R27 R31 R	13 25146 13 25146 13 25146 13 25146 13 1491 13 2507 13 2507 13 2507 13 14311 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 11231 10 1156 10 1156 10 1156 10 1156 10 1156 10 1154 10 1144	Q BF869 N 250 / 30 Q BF824 P 30 / 25 Q BF324 P 30 / 25 Q BC327 P 45 / 0A25 R CF 75E J 0W25 R CF 12 J 0W25 R CF 100K J 0W25 R CF V 6K8 J5 0W5

SIT.	ITEM NUMBER	DESC	CRIPTIC	ON		
R172	10 0234	R	CF V	6K8	J5	0W5
R173	10 01369	R	CFFV	1K	J5	0W25
R174	10 1134	R	CF	680E	J	0W25
R177	10 1136	R	CF	1K	3	0W25
R179	10 3158	R	MO	68K	J	OW7
R180	10 01289	R	CFFV	220E	J\$	0W25
R180	10 11249	R	CFF	100E	J	0W25
R184	10 1133	R	CF	560E	J	0W25
R185	10 1131	R	CF	390E	J	0W25
R186	10 1133	R	CF	560E	J	0W25
	10 1138	R	CF	1K5	J	0W25
002.	31 35780	JM	T M	BT P 4	7,5	LOCK
005.	31 3584	JM	T M	BT 🕨 2	2,5	BLA
8100	34 8100	WIR	E JUMP	ER 0,6	М	AUTOM
	34 6989	SLE	EVE SH	RINK D1	,2/0	,6 BLA

PARTS LISTING Date: 31/05/91 76 1936

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SERVICE SHEET Date: 31/05/91 761 942

C1 11 C2 11 C4 11 C5 11 C6 11 C7 11 C9 11 C10 11 C11 11 C12 11 C12 11 C13 11 C14 11 C15 11	L 2774 L 3724 L 3724 L 3724	DESCRIPTION C CE MI 100K U5 63 C CE MI 100K U5 E3 C POMEFF 100K K5 63	L.40 77 4212 L.41 77 4212	DESCRIPTION COIL N40 C5 D0,125 PALREC COIL N40 C5 D0,125 PALREC
C1 11 C2 11 C4 11 C5 11 C6 11 C7 11 C9 11 C10 11 C11 11 C12 11 C12 11 C13 11 C14 11 C15 11	2774 1 2774 1 3724 1 3724 1 3724	C CE MI 100K U5 E3 C POMEFF 100K K5 63	L.40 77 4212 L.41 77 4212	
C2 11 C4 11 C5 11 C6 11 C7 11 C9 11 C.10 11 C.11 11 C.12 11 C.12 11 C.13 11 C.14 11 C.15 11	L 2774 L 3724 L 3724 L 3724	C CE MI 100K U5 E3 C POMEFF 100K K5 63	L.41 77 4212	
C4 11 C5 11 C6 11 C7 11 C9 11 C.10 11 C.11 11 C.12 11 C.12 11 C.13 11 C.14 11 C.15 11	L 3724 L 3724 L 3724	C POMEFF 100K K5 63		COIL N40 C5 D0,125 PALREC
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C7 11 C9 11 C.10 11 C.11 11 C.12 11 C.15 11 C.14 11 C.15 11	2774	C POMEFF 100K KS 63	L.44 77 4212	COIL N40 C5 D0, 125 PALREC
C.10 11 C.11 11 C.12 11 C.13 11 C.14 11 C.15 11		C CE MI 100K US 63	L.50 77 4212	COIL N40 CS D0,125 PALREC
C.10 11 C.11 11 C.12 11 C.13 11 C.14 11 C.15 11	2770	C CE MI 22K U5 63	L.51 77 3310	COIL N27,5 B5 D0,14 IF32
C.12 11 C.15 11 C.14 11 C.15 11	1 2770	C CE MI 228 03 63	L.54 77 4211	COIL N56 B5 D0,125 PHASE
C.15 11 C.14 11 C.15 11		C CE MI 22K U5 63	P1 10 6109	R T CAMH 47K M OW1
C.14 11 C.15 11		C ELPRMI 33M M5 16 C ELPRMI 1M M5 50	P2 10 6107	R T CAMH 10K M 0W1
C.15 11		C ELAX 1M T 40	P3 10 6107	R T CAMH 10K M 0W1
C 17 11		C ELPRMI 22M M5 35	P4 10 6107	R T CAMH 10K M 0W1
C-11	1 3730	C POMEFF 330K K5 63	P.40 10 6102	R T CAMH 220E M 0W1
C.19 11		C POMEFF 100K K5 63	P.41 10 6105 P.42 10 6105	R T CAMH 2K2 M 0W1 R T CAMH 2K2 M 0W1
C.21 11		C POMEFF 22K K5 100 C POMEFF 22K K5 100	F.42 10 6103	R I CAMR 2R2 R 0W2
C.22 11 C.23 11		C POMEFF 22K K5 100 C ELPRMI 10M M5 35	PC 71 6226	PCB TV 40 DEC Q RGB ABL 761368
C.24 11		C POMEFF 330K K5 63		
C.25 11		C POMEFF 330K E5 63	Q1 13 25146	Q BF869 N 250 / 30
	1 37161	C POMEFF 22K K5 100	Q2 13 25146	Q BF869 N 250 / 30
C.35 11		C N750MI 180P J5 63	Q3 13 25146 Q4 13 25146	Q BF869 N 250 / 30 Q BF869 N 250 / 30
C.36 11		C CE MI 1K K5 63 C POMEFF 22K K5 100	Q5 13 25146	Q BF869 N 250 / 30
C.37 11 C.38 11		C POMEFF 22K K5 100	Q6 13 25146	Q BF869 N 250 / 30
C.39 11		C CE MI 100K U5 63	Q7 13 1491	Q BSX20,2369 N 15 / 0A2
C.40 11		C CE MI 10K U5 63	Q.11 13 1429	Q BC548B N 30 / 0A1
C.41 11	1 2243	C NPO MI 120P J5 63 C NPO MI 22P G5 63	Q.12 13 1429 Q.13 13 1429	Q BC548B N 30 / 0A1 Q BC548B N 30 / 0A1
C.42 11			Q.13 13 1429 Q.21 13 2507	Q BF324 P 30 / 25
C.43 11 C.44 11		C NPO MI 68P J5 63 C NPO MI 22P G5 63	Q.22 13 2507	Q BF324 F 30 / 25
C.45 11		C NPO MI 120P J5 63	Q.23 13 2507	Q BF324 P 30 / 25
C.46 11		C NPO MI 68P J5 63	Q.24 13 14311	Q BC327 P 45 / 0A5
C.47 11		C N750MI 220P J5 63	R5 10 11231	R CF 75E J 0W25
	1 2366	C N750MI 220P J5 63 C ELAX 10M Z 25	R6 10 11231	R CF 1E J 0W25
C.51 11	1 11565	C ELAX 10M Z 25 C N750MI 150P J5 63	R7 10 11231	R CF 75E J OW25
C.52 11		C CE MI 1K K5 63	R9 10 11231	R CF 75E J 0W25
C.53 11		C N750MI 220P J5 63	R9 10 11231 R.11 10 11231	R CF 75E J 0W25
C.54 11		C POMEFF 330K K5 63	R.12 10 1152	R CF 22K J 0W25 R CF 47K J 0W25
	1 59061	C PP RA 390P J5 100	R.13 10 1156	R CF 47K J 0W25 R CF 47K J 0W25
C.56 11		C CE MI 1K K5 63 C NPO MI 02P J5 63	R.14 10 1156 R.15 10 1159 R.16 10 1149	R CF 82K J 0W25
C.63 11	1 22415	C T 7 -35P 160	R.16 10 1149	R CF 12K J 0W25
C.66 13		C POMEFF 330K K5 63	R.17 10 1160	R CF 100K J 0W25
C.67 13	1 3720	C POMEFF 47K K5 63	R.18 10 1159	R CF 82K J 0W25
C.69 11		C CE MI 1K K5 63	R.23 10 1124	R CF 100E J 0W25 R CF 3K3 J 0W25
C.70 11	-	C POMEFF 220K K5 63 C NPO MI 47P G5 63	R.24 10 1142 P 25 10 1154	R CF 33K J 0W25
C.71 11		C NPO MI 47P G5 63 C ELPRMI 22M M5 25	R.23 10 1124 R.24 10 1142 R.25 10 1154 R.26 10 1145	R CF 5K6 J OW25
C.80 13		C ELPRMI 22M M5 25	R.27 10 1153	R CF 27K J 0W25
C.81 11	1 3730	C POMEFF 330K K5 63	R.30 10 1139	R CF 1K8 J 0W25
C.82 1		C POMEFF 330K K5 63	R.31 10 1141	R CF 2K7 J 0W25 R CF V 100E J5 0W25
C.83 1	1 2242	C NPO MI 100P JS 63 C CE MI 470P K5 63	R.32 10 0124 R.33 10 0364	R MF V 220K J 0W25
C.84 11		C CE MI 470P R5 63 C CE MI 470P R5 63	R.34 10 1172	R CF 1M J 0W25
C.86 1		C N750MI 330P J5 63	R.42 10 1137	R CF 1K2 J 0W25
	1 22395	C NPO MI 56P G5 63	R.43 10 1131	R CF 390E J 0W25
C.88 1	1 22395	C NPO MI 56P GS 63	R.44 10 0327	R MF V 180E J 0W25
C.89 1	1 3730	C POMEFF 330K K5 63	R.49 10 1130 R.50 10 1148	R CF 330E J 0W25 R CF 10K J 0W25
	11 2242	C NPO MI 100P J5 63 C ELPR 2M2 M5 350	R.50 10 1148 R.51 10 1153	R CF 27K J 0W25
	11 1571 11 4132	C POMEFF 100K K 250	R.52 10 1151	R CF 18K J 0W25
	1 2774	C CE MI 100K US 63	R.53 10 1136	R CF 1K J 0W25
	11 2774	C CE MI 100K U5 63	R.54 10 1138	R CF 1K5 J 0W25
C144 1	11 1478	C ELPR 220M 25 25	R.SS 10 1142	R CF 3K3 J 0W25 R CF 15K J 0W25
C150 1		C CE DI 3K3 S 400	R.56 10 1150 R.60 10 1140	R CF 15K J 0W25 R CF 2K2 J 0W25
C160 1		C CE DI 3K3 S 400 C CE DI 3K3 S 400	R.62 10 1150	R CF 15K J 0W25
C170 1	17 5031	A AN AND A AND	R.66 10 1140	R CF 2K2 J 0W25
D7 1	13 1621	D 1N4148 SWITCH	R.72 10 1122	R CF 68E J 0W25
D.50 1		D 1N4148 SWITCH	R.73 10 1134	R CF 680E J 0W25
D.51 1		D 1N4148 SWITCH	R.75 10 1144	R CF 4K7 J 0W25 R CF 4K7 J 0W25
D.52 1		D 1N4148 SWITCH D 1N4148 SWITCH	R.77 10 1144 R.79 10 1124	R CF 4K/ J 0W25 R CF 100E J 0W25
D.53 1 D150 1		D 1N4148 SWITCH D BAW62 SWITCH	R.80 10 1128	R CF 220E J 0W25
D150 1		D 1N4148 SWITCH	R.81 10 1128	R CF 220E J 0W25
D160 1		D BAW62 SWITCH	R.82 10 1137	R CF 1K2 J 0W25
D161 1	13 1621	D 1N4148 SWITCH	R.83 10 1136	R CF 1K J 0W25
	13 1628	D BAW62 SWITCH	R.84 10 1136	R CF 1K J 0W25 R CF 4K7 J 0W25
D171 1	13 1621	D 1N4148 SWITCH	R.94 10 1144 R.95 10 1148	E CF 10K J 0W25
DL.1 3	30 6511	DELAY LINE M P/S DL710/1	R.97 10 1150	R CF 15K J 0W25
DE. 1 3	20 0317	PROMET BYING IS THE DRIVALLY	R.98 10 1142	R CF 3K3 J 0W25
I1 1	13 4002	U 7812 +12V/1A STAB	R.99 10 1164	R CF 220K J 0W25
	13 2779	U 3505 TDA VID CTRL COMB	R150 10 1124	R CF 100E J 0W25
	13 2778	U 4555 TDA MULTI STD DEC	R151 10 0234	R CF V 6K8 JS 0W5
I4 1	13 2773	U 4560/65 TDA TRANS IMPR CIRC	R152 10 0234	R CF V 6K8 J5 0W5

PARTS LISTING - 1 Date: 31/05/91 76 1942

SIT.	ITEM NUMBER	DESCRIPTION
R153	10 01369	R CFFV 1K JS 0W25
		R CF 680E J 0W25
	10 1136	R CF 1K J 0W25
	10 3158	
	10 1124	R CF 100E J 0W25 R CF V 6K8 J5 0W5 R CF V 6K8 J5 0W5
	10 0234	R CF V 6K8 J5 0W5
	10 0234	R CF V 6K8 J5 0W5
	10 01369	5 CEEV 18 JS 0W25
R164	10 1134	R CF 680E J 0W25
R167	10 1136	R CF 1K J 0W25
R169	10 1136 10 3158 10 1124	R MO 68K J 0W7
R170	10 1124	R CF 100E J 0W25
R171	10 0234	R CF V 6K8 J5 OWS
R172		R CF V 6K8 J5 OWS
R173		R CFFV 1K J5 0W25
	10 1134	R CF 680E J 0W25
		R CF 1K J 0W25
		R NO 68K J OW7
		R CFF 100E J 0W25
R182	10 0324	R MF V 100E J 0W25
R184	10 1133	R CF 560E J 0W25
		R CF 390E J 0W25
R186	10 1133	R CF 560E J 0W25
	10 1138	R CF 1K5 J 0W25
XT.1	30 6816	X-TAL 8,867 238 MHZ
001.	31 3251	J PIN MBT D 0,8
002.	31 35780	J MT MBT P 4 7,5 LOCK
004.	30 2061	COIL CAN 10X10X12
005.	31 3584	J MT MBT P 2 2,5 BLA
006.	31 33921	J JUMP FMT P 2 2,5
1000	34 81147	WIRE JUMPER ISO M 37,5
8100	34 8100	WIRE JUMPER 0,6 M AUTOM

PARTS LISTING - 2 Date: 31/05/91 76 1942

SERVICE SHEET Date: 31/05/91 76 1954

SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
	76 1481	UN CURRENT AMP MN 40	D170 13 1628 D171 13 1621	D BAW62 SWITCH D 1N4148 SWITCH
	11 2774	C CE MI 100K U5 63 C CE MI 100K U5 63	DL.1 30 6511	DELAY LINE M P/S DL710/1
_	11 2774 11 3724	C POMEFF 100K K5 63	22.1	
	11 3724	C POMEFF 100K K5 63	I1 13 4002	U 7812 +12V/1A STAB U 3505 TDA VID CTRL COMB
	11 3724 11 2774	C POMEFF 100K K5 63 E CE MI 100K U5 63	I2 13 2779 I3 13 2778	U 4555 TDA MULTI STD DEC
	11 2770	C CE MI 22K U5 63	I4 13 2773	U 4560/65 TDA TRANS IMPR CIRC
	11 2770	C CE MI 22K U5 63 C CE MI 22K U5 63	L.40 77 4212	COIL N40 C5 D0,125 PALREC
	11 2770 11 1532	C CE MI 22K U5 63 C ELPRMI 22M M5 35	L.41 77 4212	COIL N40 C5 D0,125 PALREC
C.13	11 1546	C ELPRMI 1M M5 50	L.42 30 6024	CHOKE RA NS 10 UH COIL N40 C5 D0,125 PALREC
C.14 C.15	11 11841 11 1532	C ELPRMI 22M M5 35	L.43 77 4212 L.44 77 4212	COIL NAO C5 D0,125 PALREC COIL NAO C5 D0,125 PALREC
	11 3730	C POMEFF 330K K5 63	L.50 77 4212	COIL N40 C5 D0, 125 PALREC
	11 3724	C POMEFF 100K K5 53 C POMEFF 22K K5 100	L.51 77 3310 L.52 77 4212	COIL N27,5 B5 D0,14 IF32 COIL N40 C5 D0,125 PALREC
C.21	11 37161 11 37161	C POMEFF 22K K5 100 C POMEFF 22K K5 100	L.53 77 4211	COIL N56 B5 D0,125 PHASE
C.23	11 1531	C ELPRMI 10M M5 35	L.54 77 4211	COIL NS6 B5 D0,125 PHASE
C.24	11 3730 11 3730	C POMEFF 330K K5 63 C POMEFF 330K K5 63	P1 10 6109	R T CAMH 47K N OW1
C.34	11 37161	C POMEFF 22K K5 100	P.40 10 6102	R T CAMH 220E M 0W1 410
C.35	11 2365 11 2739	C CE MI 18 0P 35 63	P.41 10 6105 P.42 10 6105	R T CAMH 2K2 M 0W1 R T CAMH 2K2 M 0W1
C.37	11 2739	C CE MI 1K K5 63 C POMEFF 22K K5 100	2.12	
C.38	11 37161	C POMEFF 22K K5 100	PC 71 6226	PCB TV 40 DEC Q RGB ABL 761368
C.39	11 2774 11 2763	C CE MI 100K U5 63 C CE MI 10K U5 63	Q1 13 25146	Q BF869 N 250 / 30
	11 2243	C NPO MI 120P J5 63	Q2 13 25146	Q BF869 N 250 / 30
C.42	11 2234	C NPO MI 22P G5 63 C NPO MI 68P J5 63	Q3 13 25146 Q4 13 25146	Q BF869 N 250 / 30 Q BF869 N 250 / 30
C.43		C NPO MI 68P J5 63 C NPO MI 22P G5 63	Q5 13 25146	9 BF869 N 250 / 30
C.45	11 2243	C NPO MI 120P J5 63	Q6 13 25146	Q BF869 N 250 / 30 Q BSX20,2369 N 15 / 0A2
	11 2240 11 2366	C NPO MI 68P J5 63 C N750MI 220P J5 63	Q7 13 1491 Q.11 13 1429	Q BC548B N 30 / 0A1
	11 2366	E N750MI 220P J5 63	Q.12 13 1429	Q BC548B N 30 / 0A1
C.50		C ELAX 10M 2 25 C N750MI 150P J5 63	Q.13 13 1429 Q.14 13 1429	Q BC548B N 30 / 0A1 Q BC548B N 30 / 0A1
C.51		E CE MI 1K ES 63	Q.15 13 1429	Q BC548B N 30 / 0A1
C.53		C N750MI 220P J5 63 C POMEFF 330K K5 63	Q.16 13 1429 Q.17 13 1429	Q BC548B N 30 / 0A1 Q BC548B N 30 / 0A1
C.54		C POMEFF 330K K5 63 C PP RA 390P J5 100	Q.18 13 1429	Q BC548B N 30 / 0A1
C.56		C CE MI 1K K5 63	Q.21 13 2507	Q BF324 P 30 / 25 O BF324 P 30 / 25
C.57		C N750MI 220P J5 63 C CE MI 1K K5 63	Q.22 13 2507 Q.23 13 2507	Q BF324 P 30 / 25 Q BF324 P 30 / 25
	11 2243	C NPO MI 120P J5 63	Q.24 13 14311	D BC327 P 45 / 0A5
C.60		C POMEFF 470K K5 63 C NPO MI 82P J5 63	R5 10 11231	R CF 75E J 0W25
C.61	11 22415 11 2739	C NPO MI 82P J5 63 C CE MI 1K K5 63	R6 10 1100	R CF 1E J 0W25
C.63	11 7001	C T 7 -35P 160	R7 10 11231	R CF 75E J 0W25 R CF 75E J 0W25
C.64	11 2739 11 7001	C CE MI 1K K5 63 C T 7 -35P 160	R9 10 11231 R.11 10 11231	R CF 75E J 0W25 R CF 75E J 0W25
C.66		C POMEFF 330K K5 63	R.12 10 1152	R CF 22K J 0W25
	11 3720	C POMEFF 47K K5 63	R.13 10 1156 R.14 10 1156	R CF 47K J 0W25 R CF 47K J 0W25
C.69		C CE MI 1K K5 63 C POMEFF 220K K5 63	R.15 10 1159	R CF 82K J 0W25
C.71		C NPO MI 47P G5 63	R.16 10 1149	R CF 12K J 0W25 R CF 100K J 0W25
	11 1510	E ELPRMI 22M M5 25 C ELPRMI 22M M5 25	R.17 10 1160 R.18 10 1159	R CF 100K J 0W25 R CF 82K J 0W25
	11 3730	C POWERE 330K K5 63	R.23 10 1124	R CF 100E J 0W25
	11 3730	C POMEFF 330K K5 63 C NPO MI 100P J5 63 C CE MI 470P K5 63	R.24 10 1142 R.25 10 1153	R CF 3K3 J 0W25 R CF 27K J 0W25
	11 2242 11 2735	C CE MI 470P K5 63	R.27 10 1153	R CF 27K J 0W25
	11 2735	C CE MI 470P K5 53	R.30 10 1139 R.31 10 1141	R CF 1K8 J 0W25 R CF 2K7 J 0W25
	11 2368	C N750MI 330P J5 63 C NPO MI 56P G5 63	R.32 10 0124	R CF V 100E J5 0W25
	11 22395	C NPO MI 56P G5 63	R.33 10 1164	R CF 220K J 0W25
	11 3730	C POMEFF 330K K5 63 C NPO MI 100P J5 63	R.34 10 1172 R.42 10 1137	R CF 1M J 0W25 R CF 1K2 J 0W25
) 11 2242) 11 1571	C NFO MI 100F J5 63 C ELPR 2M2 M5 350 C FOMEFF 100K K 250 C CE MI 100K U5 63 C CE MI 100K U5 63 C ELPR 220M Z5 25	R.43 10 1131	R CF 390E J 0W25
	11 4132	C POMEFF 100K K 250	R.44 10 0327 R.49 10 1130	R MF V 180E J 0W25 R CF 330E J 0W25
	2 11 2774 3 11 2774	C CE MI 100K U5 63 C CE MI 100K U5 63	R.50 10 1148	R CF 10K J 0W25
C144			R.51 10 1153	R CF 27K J OW25
C150		C CE DI 3K3 S 400 C CE DI 3K3 S 400	R.52 10 1151 R.53 10 1136	R CF 18K J 0W25 R CF 1K J 0W25
C160	11 2831	C CE DI 3K3 S 400	R.54 10 1138	R CF 1K5 J 0W25
			R.55 10 1142	H CF 3K3 J 0W25 R CF 15K J 0W25
D 1	7 13 1621	D 1N4148 SWITCH D 1N4148 SWITCH	R.56 10 1150 R.60 10 1140	R CF 15K J 0W25 R CF 2K2 J 0W25
	13 1621	D 1N4148 SWITCH	R.62 10 1150	R CF 15K J 0W25
	2 13 1621	D 1N4148 SWITCH D 1N4148 SWITCH	R.63 10 1132 R.64 10 1127	R CF 470E J 0W25 R CF 180E J 0W25
D.5:	3 13 1621 3 13 1628	D 1N4148 SWITCH D BAW62 SWITCH	R.65 10 1150	R CF 15K J 0W25
D15	1 13 1621	D 1N4148 SWITCH	R.66 10 1140	R CF 2K2 J 0W25 R CF 68E J 0W25
D16	0 13 1628 1 13 1621	D BAW62 SWITCH D 1N4148 SWITCH	R.70 10 1122 R.71 10 1150	R CF 68E J 0W25 R CF 15K J 0W25
210.	10 1021			

PARTS LISTING - 1 Date: 31/05/91 76 1954

: .	ITEM NUMBER	-	SCRIPTI				SIT.		TEM NUMBER		CRIPT			
72	10 1122	R	CF	68E	J	0W25	R162	10	0234	R	CF V	6K8	J5	0W5
	10 1134	R	CF	680E	J	0W25	R163	10	01369	R	CFFV	1K	J5	0W25
	10 1140	R	CF	2K2	J	0W25	R164	10	1134	R	CF	680E	J	0W25
	10 1144	R	CF	4K7	J	0W25	R167	10	1136	R	CF	1K	J	0W25
	10 1144	R	CF	4X7	J	0W25	R169	10	3158	R	MO	68K	J	OW7
	10 1144	R	CF	4K7	J	0W25	R170	20	1124	R	CF	100E	J	0W25
	10 1134	R	CF	680E	J	0W25	R171	10	0 0234	26	CF V	6K8	J5	0W5
	10 1124	R	CF	100E	J	OW25	R172	10	0 0234	R	CF V	6K8	J5	OW5
	10 1128	R	CF	220E	J	0W25	R173	10	0 01369	R	CFFV	1K	JS	0W25
	10 1128	R	CF	220E	J	0W25	R174		0 1134	R	CF	680E	3	0W25
	10 1137	R	CF	1K2	J	0W25	R177		0 1135	R	CF	820E	3	0W25
	10 1136	R	CF	1K	J	0W25	R179	10	0 3158	R	MO	68K	3	0W7
	10 1136	R	CF	1K	J	0W25	R180	10	0 11249	R	CFF	100E	J	0W25
	10 1148	R	CF	10K	J	0W25	R182	- 10	0 1138	R	CF	1K5	J	0W25
	10 1148	R	CF	10K	J	0W25	R184	11	0 1133	R	CF	560E	J	0W25
	10 1148	R	CF	10K	J	0W25	R185	- 10	0 1131	R	CF	390E	3	0W25
	10 1148	R	CF	10K	J	0W25	R186	10	0 1133	R.	CF	560E	J	0W25
	10 1144	R	CF	4K7	J	0W25		10	0 1138	R	CF	1K5	J	0W25
	10 1148	R	CF	108	J	0W25								
	10 1150	R	CF	15K	J	0W25	XT.1	3	0 6816	x-:	TAL 8	,867 231	8 MH2	
	10 1142	R	CF	3K3	3	0W25			0 6849	X-1	CAL 7	,159 09	0 MH2	SMM
	10 1164	R	CF	220K	J	0W25								
	10 1124	R	CF	100E	3	0W25	001.	3	1 3251	J 1	PIN I	MBT D 0,	, 8	
	10 0234	R	CF V	6K8	J5	0W5	002.	3	1 35780	Ji	ar i	MBT F 4	7,5	LOCK
	10 0234	R	CF V	6K8	J5	OW5	003.	3	1 35866	JI	TP I	MBT P 7	2,5	BLU
	10 01369	R	CFFV	1K	J5	0W25	004.		0 2061	co	IL CAN	10X10X	12	
	10 1134	R	CF	680E	J	0W25	005.		1 3584	JI	T I	MBT P 2	2,5	BLA
	10 1137	R	CF	1K2	J	0W25	006.	3	1 33921	J.	TUMP :	FMT F 2	2,5	5
	10 3158	R	MO	68K	J	OW7	007.		0 1001			N 40 DE	C QUI	D C
	10 1124	R	CF	100E	J	0W25	008.		1 3580	J		MBT P S		
	10 0234	R	CF V	6K8	J5	OW5	8100		4 8100			PER 0,6	М	AUTOM

CURRENT AMPLIFIER BOARD

76 1481

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	11 2242	C NPO MI 100P J5 63	R3	10 1144	R CF 4K7 J 0W25
			R4	10 1139	R CF 1K8 J 0W25
PC	71 6469	PCB TV 40 CURR AMP 761481	R5	10 1142	R CF 3K3 J 0W25
Q1	13 1411	Q BC549C N 30 / OAl	21	13 1751	D ZENER 9V1 0W5 C
Q2	13 14181	Q BC559B P 30 / 0A1		76 1481D	UN CURRENT AMP MN 40
R1	10 1157	R CF 56K J 0W25			
	10 1156	R CF 47K J 0W25	001.	31 3366	J CIS MBS P 1 L 8,7REEL

PARTS LISTING - 2 Date: 31/05/91 76 1954

SERVICE SHEET 76 1971

SIT.	ITEM NUMBER	DESCRIPTION		SIT.	ITEM NUMBER	DESCRIPTION
c1	11 2774	C CE MI	100K U5 63	DL.1	30 6511	DELAY LINE M P/S DL710/1
	11 2774		100K U5 63			
	11 3724		100K K5 63		13 4002	U 7812 +12V/1A STAB
	11 3724		100K K5 63		13 2779	U 3505 TDA VID CTRL COMB
C7	11 3724 11 2774		100K K5 63		13 2778 13 2773	U 4555 TDA MULTI STD DEC U 4565 TDA TRANS IMPR CIRC
	11 2770	C CE MI	22K U5 63	4	10 1.10	4 4000 IDA IAMO MAN OSMO
	11 2770	C CE MI	22K U5 63	L.40	77 4212	COIL M40 C5 D0,125 PALREC
C.11	11 2770	C CE MI	22K U5 63	L.41	77 4212	COIL N40 C5 D0,125 PALREC
	11 1511	C ELPRMI	33M M5 16		30 6024	CHOKE RA NS 10 UH
	11 1546	C ELPRMI	1M M5 50		77 4212	COIL N40 C5 D0, 125 TALREC
	11 11841 11 1532	C ELAX C ELPRMI	1M T 40 22M M5 35		77 4212 77 4212	COIL N40 CS D0,125 PALREC COIL N40 CS D0,125 PALREC
C.17	11 3730		22M M5 35 330K K5 63		77 3310	COIL N40 CS D0,125 PALREC COIL N27,5 B5 D0,14 IF32
	11 3724		100K K5 63		77 4212	COIL N40 C5 D0,125 PALREC
C.21	11 37161	C POMEFF	22K K5 100		77 4211	COIL N56 B5 D0,125 PHASE
C.22	11 37161	C POMEFF	22K K5 100	L.54	77 4211	COIL NS6 B5 D0,125 PHASE
C.23	11 1531	C ELPRMI	10M M5 35			
C.24	11 3730 11 3730		330K K5 63		10 6109 10 6107	R TCA H 47K H 0W1
C.34	11 37161	C POMEFF	22K K5 100		10 6107	R TCA H 10K M 0W1 R TCA H 10K M 0W1
C.35			180P J5 63		10 6107	R TCA H 10K M 0W1
C.36	11 2739	C CE MI	1K K5 63		10 6102	R TCA H220E H OW1
	11 37161	C POMEFF	22K K5 100	P.41	10 6105	R TCA H 2K2 M OW1
C.38	11 37161	C POMEFF	22K K5 100	P.42	10 6105	R TCA H 2K2 M OW1
C.39	11 2774		100K U5 63		71 6006	
C.40	11 2763 11 2243	C CE MI C NPO MI	10K U5 63 120P J5 63	PC	71 6226	PCB TV 40 DEC Q RGB ABL 761368
	11 2234	C NPO MI	22P G5 63	n1	13 25146	g BF869 N 250 / 30
C.43	11 2240	C MPO MI	68P JS 63		13 25146	Q BF869 N 250 / 30
C.44	11 2234	C MPO MI	22P G5 E3	Q3	13 25146	© BF869 N 250 / 30
	11 2243	C NPO MI			13 25146	Q BF869 N 250 / 30
C.46	11 2240	C NPO MI	60P J5 63		13 25146	Q BF869 N 250 / 30
C.47	11 2366 11 2366	C N750MI C N750MI			13 25146 13 1491	Q BF869 N 250 / 30 Q BSX20,2369 N 15 / 0A2
C.50	11 11565	C ELAX	10M Z 25		13 1429	Q BC548B N 30 / 0A1
	11 2364	C N750MI			13 1429	Q BC548B N 30 / 0A1
C.52	11 2739	C CE MI	1K K5 63	Q.13	13 1429	Q BC548B N 30 / 0A1
C.53	11 2366	C N750MI			13 1429	□ BC548B N 30 / 0A1
C.54	11 3730		330K K5 63		13 1429	Q BC548B N 30 / 0A1
C.55	11 59061 11 2739	C PP RA	390P J5 100 1K K5 63		13 1429 13 1429	© BC548B N 30 / 0A1 Q BC548B N 30 / 0A1
C.57	11 2366		220P J5 63		13 1429	Q BC548B N 30 / 0A1
C.58	11 2739	C CE MI	1K K5 63		13 2507	Q BF324 P 30 / 25
C.59	11 2243	C NPO MI	120P J5 63		13 2507	Q BF324 P 30 / 25
C.60	11 3732		470K K5 63		13 2507	@ BF324 P 30 / 25
C.61	11 22415	C NPO MI	82P J5 63	Q.24	13 14311	Q BC327 P 45 / 0A5
C.62	11 2739 11 7001	C CE MI	1K K5 63 -35P 160	p 5	10 11231	R CF H 75E J 0W25
C.64	11 2739	C CE MI	1K K5 63		10 1100	R CF H 1E J 0W25
C.65	11 7001	C T 7	-35P 160	R7	10 11231	R CF H 75E J 0W25
C.66	11 3730	C POMEFF	330K K5 63	R9	10 11231	R CF B 75E J 0W25
C.67	11 3720	C POMEFF	47K K5 63		10 11231	R CF R 75E J 0W25
C.70	11 2739 11 3728	C CE MI C POMEFF	1K E5 63 220K K5 63		10 1152 10 1156	R CF H 22K J 0W25 R CF H 47K J 0W25
C.71	11 2238	C NPO MI	47P G5 63		10 1156	R CF H 47K J 0W25
	11 1510	C ELPRMI	22M M5 25		10 1159	R CF H 82K J 0W25
	11 1510	C ELPRMI	22M M5 25		10 1149	R CF H 12K J 0W25
	11, 3730	C POMEFF			10 1160	R CF H100K J 0W25
	11 3730		330K K5 63		10 1159	R CF H 82K J OW25
	11 2242 11 2735	C NPO MI	100P J5 63 470P K5 63	R.23	10 1124	R CF H100E J 0W25 R CF H 3K3 J 0W25
	11 2735	C CE MI	470P KS 63	R.25	10 1142 10 1153	R CF H 27K J 0W25
	11 2368	C CE MI C CE MI E N750MI C NPO MI	330P J5 63		10 1154	R CF H 33K J 0W25
C.87	11 22395	C NPO MI	56P G5 63	R.26	10 1145	R CF H 5K6 J 0W25
	11 22395	C NPO MI	56P G5 63		10 1153	R CF H 27K J 0W25
	11 3730	C POMEFF	330K K5 63		10 1139	R CF H 1K8 J 0W25
	11 2242 11 1571	C NPO MI C ELPR E POMEFF	100P J5 63 2M2 M5 350		10 1141 10 0124	R CF H 2K7 J 0W25 R CF V100E J 0W25
	11 4132	C PUMPER	100K K 250		10 0364	R CF VIOUE J 0W25 R MF V220K J 0W25
	11 2774	C CE MI	100K U5 63			R CF H 1M J 0W25
C143			100K U5 63	R.42	10 1172 10 1137	R CF H 1K2 J 0W25
		C CE MI C ELPR	220M 25 25	R.43	10 1131	R CF H390E J 0W25
	11 2831	C CE DI	3K3 S 400		10 0327	R MF V180E J 0W25
	11 2831	C CE DI	3K3 S 400 3K3 S 400		10 1130 10 1148	R CF H330E J 0W25
CT / 0	11 2831	C CE DI	3K3 S 400		10 1148	R CF H 10K J 0W25 R CF H 27K J 0W25
D7	13 1621	D 1N4148	SWITCH		10 1151	R CF H 18K J 0W25
	13 1621	D 1N4148	SWITCH		10 1136	R CF H 1K J DW25
D.51	13 1621	D 1N4148	SWITCH	R.54	10 1138	R CF H 1K5 J 0W25
	13 1621	D 1N4148	SWITCH		10 1142	R CF H 3K3 J 0W25
	13 1621	D 1N4148	SWITCH		10 1150	R CF H 15K J 0W25
	13 1628	D BAW62	SWITCH		10 1140	R CF H 2K2 J 0W25
	13 1621	D 1N4148	SWITCH		10 1150	R CF H 15K J 0W25
	13 1628 13 1621	D BAW62 D 1N4148	SWITCH SWITCH		10 1132 10 1127	R CF H470E J 0W25 R CF H180E J 0W25
	13 1628	D BAW62	SWITCH		10 1127	R CF H 15K J 0W25
		D 1N4148	SWITCH		10 1140	R CF H 2K2 J 0W25

SIT.	ITEM NUMBER	DESCRIPTION
	ITEM NUMBER	R CF H 68E J 0W25 R CF H 4K7 J 0W25 R CF H 1 4K7 J 0W25 R CF H 1 4K7 J 0W25 R CF H 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
B 70	10 1122	P CT H 68F J 0W25
R.71	10 1150	R CF H 15K J 0W25
R.72	10 1122	R CF H 68E J 0W25
R.73	10 1134	R CF H680E J 0W25
R.74	10 1140	R CF H 2K2 J 0W25
R.75	10 1144	R CF H 4K7 J 0W25
R.79	10 1144	R CF H 4K7 J 0W25
R.78	10 1134	R CF H600E J 0W25
R.79	10 1124	R CF H100E J 0W25
R.80	10 1128	R CF H220E J 0W25
R. 81	10 1128	R CF H220E J 0W25
R.82	10 1137	R CF H 1K2 J 0W25
R.83	10 1136	R CF H IK J UW25
R. 90	10 1136	R CF H 10K J 0W25
R. 91	10 1148	R CF H 10K J 0W25
R.92	10 1148	R CF H 10K J 0W25
R.93	10 1148	R CF H 10K J 0W25
R.94	10 1144	R CF H 4K7 J 0W25
R.95	10 1148	R CF N 10K J 0W25
R.97	10 1150	R CF M 15K J 0W25
K. 36	10 1142	R CF R 3R3 J 0W25
R150	10 1124	R CF B100K J 0W25
R151	10 0234	R CF V 6K8 J 0W5
R152	10 0234	R CF V 6K8 J 0W5
R153	10 01369	R CFFV 1K J 0W25
R154	10 1134	R CF H680E J 0W25
R157	10 1137	R CF H 1K2 J 0W25
B1 E0	10 3158	A WO I SAK O OW/
R161	10 0234	R CF V 6K8 J 0W5
R162	10 0234	R CF V 6K8 J OWS
R163	10 01369	R CFFV 1K J DW25
R164	10 1134	R CF H680E J 0W25
R167	10 1136	R CF H 1K J 0W25
B120	10 3156	R MO H 68K J UW/
R171	10 0234	R CF V 6K8 J OWS
R172	10 0234	R CF V 6K8 J DW5
R173	10 01369	R CFFV 1K J 0W25
R174	10 1134	R CF H680E J 0W25
R177	10 1135	R CF H820E J 0W25
R179	10 3158	R MO H 68K J DW7
P182	10 11249	B ME UIGGE J 0W25
R182	10 1138	R CF H 1K5 J 0W25
R184	10 1133	R CF H560E J OW25
R185	10 1131	R CF H390E J 0W25
R186	10 1133	R CF H560E J OW25
	10 1138	R CF H 1K5 J 0W25
YT.1	30 6816	Y-TAT. 9 867 238 MU2
XT.2	30 6816 30 6849	X-TAL 8,867 238 MH2 X-TAL 7,159 090 MH2
001.	31 3251 31 35780	J PIN MBT D 0,8
002.	31 35780	7 MB MB 5 4 57 F 100
003.	31 35866	J MT MBT P 7 R2,5 BLU
004.	30 2061	J MT MBT P 7 R2,5 BLU COIL CAN 10X10X12 J MT MBT F 2 R2,5 BLA J JUMP FMT F 2 0.1 SCREEN MN 40 DEC QUAD MIRE JUMPER 0,6 M AUTOM
005.	31 33921	J MT MBT # 2 R2,5 BLA J JUMP FMT P 2 0.1
007.	80 1001	SCREEN MN 40 DEC OUAD
8100	34 8100	WIRE JUMPER 0,6 M AUTOM

Frame Supply boards

- * Printed circuit board
- * Adjustment procedure

76 1682 : Frame Supply board

- * Schematic diagram
- * Parts listing

76 1688 : Frame Supply board

- * Schematic diagram
- * Parts listing

76 1941 : Frame Supply board

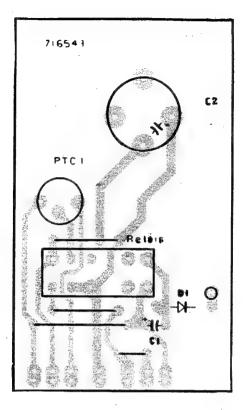
- * Schematic diagram
- * Parts listing

76 1955 : Frame Supply board

- * Schematic diagram
- * Parts listing

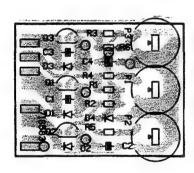
SERVICE SHEET

Date: 31/05/91



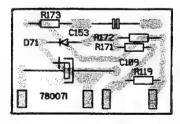
Unit no. 76 1573 is a subunit of frame no. 76 1682 (220 V). Unit no. 76 15739 is a subunit of frame no. 76 1941 (110 V).

Name POWER DEL/	Y 220V / 110V	Article no. 76 15737 76 15739
Date 10/10/1991	Drawn RIP	Checked RIP
Video &	Communi	cations



Unit no. 76 1680 is a subunit of frame nos. 76 1682, 76 1688, 76 1941 and 76 1955.

Neme		Article no.
CURRENT S	ENSE ABL UNIT	76 1680
Date 10/10/1991	Drawn RIP	Checked RIP
Video 8	& Communi	cations



Unit no. 76 1681 is a subunit of frame nos. 76 1682, 76 1688, 76 1941 and 76 1955.

Name			Article no.
GEOM	ETRY UNIT		76 1681
Date 10/10/1991	Drawn RIP	C	ihecked RIP
Video (& Commu	nic	ations

Preliminary: Connect a test pattern generator to the monitor

A. Adjustment procedure for frame no. 76 1682

1. Power supply (P1)

- Connect a voltmeter to the cathode of diode D2.
- Adjust potentiometer P1 to obtain a DC voltage of 158V.

2. + HT (P2)

- Connect a voltmeter to the anode of capacitor C2.
- Adjust potentiometer P2 to obtain a DC voltage of 152V.

3. Horizontal synchronization (Hor. frequency) (P51)

- Short-circuit pin 12 of the TDA 2595 to earth.
- Adjust P51 for minimal horizontal beat.
- Remove the short-circuit.

4. Vertical synchronization (Vert. frequency) (P100)

Adjust the potentiometer P100 in order to obtain a quick synchronization when feeding an input signal.

5. Grid 2 voltage (D51)

- Do not feed any signal to the monitor
- Put the brightness control in the middle of its range
- Put the contrast control in minimum position
- Measure the cathode voltage for red, green and blue on the CRT socket.
- Connect a voltmeter to the cathode carrying the highest voltage and adjust the potentiometer "G2 Level" to obtain a DC voltage of 145 V.

6. Geometry (P105 / P102)

The following adjustment procedure is only for monitors used in videowalls!

- Feed a 50 Hz (vertical frequency) video test signal to the monitor
- Adjust P105 (horizontal amplitude) to obtain an active line time of 46 μs. The active line should start 13 μs after the falling edge of the preceding horizontal sync pulse
- Adjust P102 (vertical amplitude) to obtain 251 active lines on the screen. The first active line should be line 42.

In that way, you have adjusted the monitor as if the visible screen surface were as big as the complete front of the monitor, resulting in an undistorted picture on a videowall.

Other adjustments: on sight

L50: horizontal linearity P106: vertical linearity P101: vertical shift P50: horizontal phase P104: trapezium distortion

P103: horizontal Pin cushion distortion

D51: focus adjustment

B. Adjustment procedure for frame no. 76 1941

Proceed as in §A, but use a 60 Hz. video test signal (vertical frequency), where required.

C. Adjustment procedure for frame nos. 76 1955 and 76 1688

Proceed as in §A, except for the geometry adjustment.

Date: 31/05/91

IT. ITEM NUMBER	DESCRIPTION		EM NUMBER	DESCRIPTION
76 1573	UN RETARDED MN 40 SCM 220V V2	D.12 13		D BY255, BYM561300V/3A R
76 1680	UN I SENSE MN 40 ABL BLACKLINE	D.13 13		D BY255, BYM561300V/3A R
76 1681	UN SUB GEOMETRIE 40 BLACKLINE	D.14 13		D 1N4001 50V/1A D 1N4148 SWITCH
	C POMEFF 330K K 100	D.40 13 D.41 13	1621	D BA158 SWITCH
1 11 4103 2 11 1418	C POMEFF 330K K 100 C ELSN 22M T 350	D.42 13	1621	D 1M4148 SWITCH
3 11 4103	C POMEFF 330K K 100	D.50 13		D BA158 SWITCH
4 11 1479	C ELPR 470M Z5 25	D.51 13		D BG2097-643-415 CASCADE
5 11 1479	C ELPR 470M 25 25	D.52 13	1942	D BY448 1500V/4A R
6 11 14169	C ELPRUL 10M M 350	D.53 13	1921	D BY299, SK4G8 800V/2A R
7 11 2833	E CE DI 4K7 S 400	D.54 13		D BY299, SK4G8 800V/2A R
8 11 1418	C ELSN 22M T 350	D.55 13		D BY299, SK4G8 800V/2A R
9 11 13711	C ELSN 1000M T 40	D.56 13		D BA158 SWITCH
.10 11 1479	C ELPR 470M Z5 25	D.70 13		D BA158 SWITCH D 1N4001 SOV/1A
.11 11 2825	C CE DI 1K S 400	D100 13 D101 13		D 1N4001 50V/1A D 1N4148 SWITCH
.13 11 50051	C PPMEPO 2K2 J 1500 C ELPR 100M Z5 40	D101 13		D 1N4148 SWITCH
.14 11 1487 .15 11 1487	C ELPR 100M Z5 40 E ELPR 100M Z5 40	2202 22		
.16 11 4427	C PO FF 22K M 250	F1 31	4116	FUSE 2A SX20 SLOW
.17 11 15465	C ELPRMI 1M M5 50	F2 31		FUSE 2A SX20 SLOW
.18 11 39622	C PETPFP 10K J 400	F3 31	4102	FUSE 1A250 5X20 FAST
	G NPO MI 22P G5 63			
.20 11 4716	C POSAPO 1M H AC250	11 13		U 7815 +15V/1A STAB
.21 11 4720	E CESAY 1K M 400	12 13		U 4601 TDA SMP CTRL U 2595 TDA HOR COMB
.22 11 4720	C CESA Y 1K H 400	I.50 13		
.23 11 2837	C CE DI 10K S 400	1100 13	2/90	U 2653A TDA VER DEFL AMP
.24 11 2837	C CE DI 10K S 400 E ELRA 220M T 385	L1 77	3028	COIL CHOKE SMP TV 31
.25 11 1654 .26 11 4720	E ELRA 220M T 385 E CESA Y 1K N 400	L2 7		COIL CHOKE SMP TV 31
.26 11 4720 .27 11 4166	C POMEFF 220K K 400	L3 30		CORE TUBE 1,3/3,5 X 3
.28 11 47105	C POSAPO 100K M AC250	L4 30		COIL CHOKE MAINS 27MH
.29 11 4132	C POMEFF 100K E 250	L5 7		CORE FERROX D2/5L10
.30 11 1151	C ELAX 2200M T 16	L.50 7	7 4224	COIL LIN 4042/08A SILIC
.31 11 1466	C ELPR 100M Z5 16	L100 7	7 3363	COIL BRIDGE TV 34GS
.32 11 2774	C CE MI 100K U5 63			
.40 11 1531	C ELPRMI 10M M5 35	P1 1		E T CAMH 10K M 0W1
.41 11 4162	C POMEFF 100K E 400	P2 1		R T CAMH 10K M 0W1
.42 11 41051	C POMEFF 560K K 100	P.50 1		R T CAMH 47K M 0W1 R T CAMH 47K M 0W1
.50 11 1468	C ELPR 470M 25 16	P.51 10		R T CAME 47K H OWI
.51 11 1184	C ELAX 4M7 Z 40 C POMEFF 560K K 100	P100 10 P101 10		R T CAMH 1K M OW1
.52 11 41051 .53 11 4120	C POMEFF 10K K 250	P102 10		H T CAMH 100E M OW1
.54 11 2920	C COG MU 4K7 J5 63	P103 1		R T CAMH 2K2 M OW1
.55 11 4120	C POMEFF 10K K 250	P104 1		R T CAMH 2K2 M 0W1
.56 11 4102	C POMEFF 220K K 100	P105 1	0 6109	ET CAMH 47K H 0W1
.57 11 4124	C POMEFF 22K K 250	P106 1	6111	R T CAMH 100K M 0W1
.58 11 4134	C POMEFF 150K K 250			
.59 11 2833	C CE DI 4K7 S 400	PC 7:	1 6345	PCB TV 40 FRAME SUP 2 761372
.60 11 4140	C POMEFF 470K K 250			O BU2508 N1500*/ 8A
.61 11 1190	C ELAX 100M T 40 C PO FF 470K K 250	Q1 1: Q1 1:		Q BUSO8A N1500*/ 8A
:.62 11 4442 :.63 11 4590	C PO PF 470K K 250 C PP PO 330K K 250	Q2 1		Q BUX84 N 250 / 50
.64 11 1780	C PPMEPO 9K1 J 1500	Q3 1		Q BF423 P 250 / 50
.65 11 17913	C PPMEPO 27K J 1000	Q4 1		@ BF422 N 250 / 25
.66 11 4100	C POMEFF 100K K 100	Q.40 I		Q BC557 P 45 / 0A1
.67 11 4636	C HV AX 50K H 1600	Q.50 1	3 14295	Q BC549B N 30 / 0A1
.70 11 1115	C ELAX 10M Z 6	Q.51 1		Q BF458 N 250 / OA1
.72 11 4102	C POMEFF 220K K 100	Q.52 1		Q BU508AF N1500 / 8A
100 11 3732	C POMEFF 470K K5 63	Q100 1		Q BC559 F 30 / 0A1
101 11 1193	C ELAX 1000M T 40		3 14072	Q BC547A N 45 / 0A1
102 11 3728	C POMEFF 220K KS 63	Q102 1	3 2570	Q BDX77,709 N 80 / 8A
103 11 3732	C POMEFF 470K KS 63 C POMEFF 100K K 100	5 1 1	0.4407	R WW V 3E3 K 11W
104 11 4100	C POMEFF 100K E 100 C POMEFF 100K K5 63	RI I	0 4407 0 11947	R CFF E47 K OW4
105 11 3724	C ELPR 100M 25 40			
106 11 1487	C ELPR 100M 25 40 C ELPRMI 10M M5 35	R4 1		R CF 68K J 1W
108 11 1549	C ELPRMI 3M3 M5 50	R5 1	0 1244	R CF 4K7 J OWS
110 11 11841	C ELAX 1M T 40	R6 1	0 1359	R CF 82K J 1W
111 11 1147	C ELAX 100M T 16	R7 1	0 1359 0 11907	R CFF E10 J OW4
112 11 4124	C POMEFF 22K K 250	R 1	0 1217	R CF 27E J 0W5
113 11 4110	C POMEFF 4M7 E 100	R9 1		R MO 33K J 1W5
114 11 1164	E ELAX 1000M T 25	R.10 1	0 1100	R CF 1E J 0W25
115 11 3724	C POMEFF 100K K5 63	R.11 1	0 1100 0 1160	R CF 1E J 0W25
150 11 4602	C POHVPO 47K M 1000		0 1160	R CF 100K J 0W25 R WW V 33E K 7W
151 11 4162	C POMEFF 100K K 400		0 4268	-
170 11 4188	C POMEFF 220K K 630	R.14 1 R.15 1	0 1152	R CF 22K J 0W25 R CF 10K J 0W25
171 11 1716	E CE 680P 1000	K.13 1	0 1265	R CF 270K J 0W5
1 13 1637	D BA158 SWITCH	2 17 1	0 1265 0 1139	R CF 1K8 J 0W25
2 13 1921	D BY299, SK4G8 800V/2A R		0 41768	R WWEV 100E K 3W
3 13 1955	D B1299,584G8 8000/2A R	R.19 1		R CF 390K J 0W5
13 1955	II BYW95C R	R.20 1		R HV 4M7 J 0W5
5 13 1956	D BYV28-200 200V/3A5 AR	R.21 1		R HV 4M7 J 0W5
6 13 1646	D 1N4007 1300V/1A	R.22 1		R CF 39K J 0W25
27 13 1637	D BA158 SWITCH	R.23 1		R CF 56K J 0W25
08 13 1637	D BA158 SWITCH	R.24 1		R CF 3K9 J 0W25
-	D 1N4007 1300V/1A	R.25 1		R CF 27K J DW5
09 13 1646 0.10 13 19025		R.26 1		R CFF E10 E 1W
	B BY255, BYM561300V/3A R		0 11907	R CFF E10 J 0W4
0.11 13 19025	B BY255, BYM561300V/3A R			

PARTS LISTING - 1 Date: 31/05/91 76 1682

	ITEM NUMBER	DESCRIPT			SIT. ITE	M NUMBER DESCRIPTION
						1156 R CF 47K J 0W25
	10 1130	R CF	330E J		R118 10 R120 10	1130
	10 11369	R CFF	1K J		R120 10 R121 10	1130
R.42		R CF	680E J 10K J	0W25	R122 10	1133
	10 1148	R CF	10K J		R123 10	
R.44		R CF R CF	150K J		R125 10	
R.47	10 1162 10 1145	R CF	5K6 J		R126 10	
	10 1145	R CF	56E J		R127 10	
R.51	10 1121	R CF	680E J		R127 10	
	10 1144	R CF	4K7 J		R150 10	4656 R HV 1M2 J 0W5
	10 1135	R CF	820E J		R151 10	
	10 1160	R CF	100K J	0W25	R154 10	
	10 1161	R CF	120K J	0W25	R155 10	
R.56	10 1149	R CF	12K J	0W25	R156 10	
R.57	10 1161	R CF	120K J	0W25	R157 10	
R.58		R CF	1K J	0W25	R158 10	
R.59	10 4656	R HV	1M2 J	0W5	R159 10	
R. 60	10 1136	R CF	1K J	0W25	R165 10	
R.61	10 1132	R CF	470E J	0W25	R180 10	1124 R CF 100E J 0W25
R. 62	10 4170	R WW	V 1K K	4W		
R.63	10 4245	R WW	V 2K7 K	7W	T1 77	
R. 64	10 4172	R MM			T.50 77	
R. 65	10 1120	R CF	47E J		T.51 77	4314 TRANSF MN 40 EHT PCM21
R.66	10 14675	R MF	390K J			2102 U 33B ZTK 33V STAB
R.67	10 14675	R MF	390K J		z1 13	2102
R.68		R CF	390E J		22 13	
R.69		R WWF			2.10 13 2.11 13	2772
R.70		R CF	100E 3		2.40 13	
	10 1164	R CF	220K		2.40 13	1/34 2 22/2/ 201
R.73		R CF R CF	220K 3		76	1208D UN FRAME TV 40 SUP CTV27
	10 1136	R CF		0W25		
R.75 R.91		R CF		0W25	001. 31	3577 J MT MBT F 2 10 BLA
	10 1135	R CF		0W25	001. 31	
	10 1136	N CIF		0W25	002. 31	5310 J TAB MBT 0,5 2,8 PLANE
	10 1108	R CF	4E7		003. 31	3454 J TAB MBT 0,5 4,8
	10 1142	R CF	3K3		004. 31	35780 J MT MBT P 4 7,5 LOCK
	10 1133	R CF	560E .	0W25	005. 31	
	10 1136	R CF		0W25	006. 31	3224 R WW V HOLDER H25
	10 1118	R CF	33E	0W25		4501 FUSE HOLDER 5X20 CLIPS-HOLDER
R100	10 1144	R CF	4K7	0W25	008. 31	
R101	10 1168	R CF	470K	J 0W25	009. 31	
R102	10 1206	R CF	3E3 -		010. 31	
	10 1159	R CF		7 0W25	012. 36	
	10 1149	R CF		0W25	013. 36	
	10 1163	R CF		J 0W25	015. 80	
	10 1156	R CF		J 0W25	016. 80	
	10 1156	R CF		J 0W25		1664 FIX TV 40 FRAME STRIP 10169 HEATSINK TV 40 FRAME DOWN
	10 1142	R CF		J 0W25		7454 RIVET P AL FE TAP/D/BS44 D3,2
	10 1161	R CF		J 0W25		0182 HEATSINK TV 40 SMP
	10 1151	R CF		J 0W25 J 0W25		0 01881 ISOL MN 40 SHEET 15X24
	10 1136	R CF				3058 Q FIX CLIPS TO-220
	10 1151	R CF		J 0W25 J 0W25	023. 13	
	3 10 1131	R CF		J 0W25	0241 13	
	10 1136	R CF		J 0W25	025. 13	
	5 10 1126	R CF		J 0W25		0217 LABEL EHT ARROW
	5 10 1100	R CF			8100 34	
RII.	7 10 1140	R CF	272	5 UWZ3	8100 54	

DELAY UNIT

76 1573

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
c1	11 14855	C ELPR 22M 25 40		76 1573D	3N RETARDED MN 40 SCM 220V V2
D1	13 1637	D BA158 SWITCH	001.	31 3366 32 43231	J CIS MBS F 1 L 8,7REEL RELAY 880E 24V 2U CSA
PTC1	10 52096	R PTC 220V PHILIPS 662	002. 8100	80 0743 34 8100	SPACER RIV L29 D 7 M3 AL WIRE JUMPER 0,6 M AUTOM
PC	71 6543	PCB MN 40 SCM RETARD ON 761573			
	10 11129	R CFF 10E J 0W25			

PARTS LISTING - 2 Date: 31/05/91 76 1682

UNIT I SENSE ABL

76 1680

SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
z1	11 2741	C CE MI 1K5 K5 63	Q1 13 2552	© BF423 P 250 / 50
:2	11 2741	C CE MI 1K5 K5 63	Q2 13 2552	© BF423 P 250 / 50
:3	11 2741	C CE MI 1K5 K5 63	Q3 13 2552	Q BF423 P 250 / 50
C4	11 2240	C NPO MI 68P J5 63		
			R1 10 0171	R CF V 820K J5 0W25
21	13 1621	D 1N4148 SWITCH	R2 10 0171	R CF V 820K J5 0W25
01	13 16217	D 1N4148 SWITCH	R3 10 0171	R CF V 820K J5 0W25
2	13 16217	D 1N4148 SWITCH	R4 10 0172	R CF V 1M K5 0W25
3	13 16217	D 1N4148 SWITCH	R5 10 0172	R CF V 1M K5 0W25
4	13 16217	D 1N4148 SWITCH	R6 10 0172	R CFV 1M K5 0W25
1	10 6116	R T CAMH 4M7 M OW1	76 1293D	UN I SENSE TV 40 ABL
P2	10 6116	R T CAMH 4M7 M 0W1		
3	10 6116	R T CAMH 4M7 M OW1	001. 31 3284	J CIS MBS P 1 L 6,2REEL

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
C109	11 1162	C ELAX 220M T 25	R171	10 1140	R CF 2K2 J 0W25
C153	11 4106	C POMEFF 1M K 100	R172	10 1147	R CF 8K2 J 0W25
			R173	10 1118	R CF 33E J 0W25
D.71	13 1621	D 1N4148 SWITCH		76 1681D	UN SUB GEOMETRIE 40 BLACKLINE
PC	78 0071	PCB MN 40 GEOMETRIE BLACKLINE		31 3204	J CIS MBS P 1 L 6,2REEL
R119	10 1133	R CF 560E J 0W25		31 3366	J CIS MBS P 1 L 8,7REEL

Date: 31/05/91

C2 11 4103 C ENERF 330K K 100 D.4.1 13 1607 D BALSE SETT. C3 11 4107 C ELER 270K K 100 D.5.0 13 1607 D BALSE SETT. C4 11 1479 C ELER 470K ES 25 D.5.1 13 2070 D BALSE SETT. C5 11 1479 C ELER 470K ES 25 D.5.1 13 2070 D BALSE SETT. C5 11 1479 C ELER 470K ES 25 D.5.1 13 2070 D BALSE SETT. C5 11 1479 C ELER 270K ES 25 D.5.1 13 2070 D BALSE SETT. C5 11 1479 C ELER 270K ES 25 D.5.1 13 2070 D BALSE SETT. C5 11 1479 C ELER 270K ES 400 D.5.5 13 1827 D BALSE SETT. C7 11 2253 C C ED 1 4K7 S 400 D.5.5 13 1827 D BALSE SETT. C6 11 1473 C ELER 270K ES 25 D.5.5 13 1827 D BALSE SETT. C5 11 13711 C ELER 270K ES 25 D.5.5 13 1827 D BALSE SETT. C5 11 13721 C ELER 270K ES 25 D.5.5 13 1827 D BALSE SETT. C5 11 1473 C ELER 270K ES 25 D.5.5 13 1827 D BALSE SETT. C5 11 1473 C ELER 100K ES 40 D.5.5 13 1827 D BALSE SETT. C5 11 1475 C ELER 100K ES 40 D.5.5 13 1827 D BALSE SETT. C5 11 1475 C ELER 100K ES 40 D.5.5 13 1827 D BALSE SETT. C5 11 1475 C ELER 100K ES 40 D.5.7 13 1821 D BALSE SETT. C5 11 1475 C ELER 100K ES 40 D.5.7 13 1821 D BALSE SETT. C5 11 4427 C ELER 100K ES 40 D.5.7 13 1821 D BALSE SETT. C5 11 4427 C ELER 100K ES 40 D.5.7 13 1821 D BALSE SETT. C5 11 4427 C ELER 100K ES 40 D.5.7 13 1821 D BALSE SETT. C5 11 4427 C ELER 100K ES 40 D.5.7 13 14116 FUSE 2A SXX0 SLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW F	
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C.61 11 1190	TP 2 761372
C.62 11 4482 C FF FO 220K E 250 C.63 11 1780 C PPMEPO 9K1 J 1500 Q1 13 2946 Q BU2508 N1500*/ C.65 11 17913 C PPMEPO 27K J 1000 Q2 13 2517 Q BUX84 N 250 / C.66 11 4100 C POMEFF 100K K 100 Q3 13 2552 Q BF423 F 250 / C.67 11 4636 C HV AX 50K N 1600 Q4 13 2516 Q BF422 N 250 / C.70 11 1115 C ELAX 10M Z 6 Q.40 13 1413 Q BC557 P 45 / C.72 11 4102 C POMEFF 220K K 100 Q.50 13 14295 Q BC549B N 30 / C.100 11 3732 C POMEFF 470K K5 63 Q.51 13 1471 Q BF458 N 250 / C.101 11 1193 C ELAX 1000M T 40 Q.52 13 2949 Q BU508AF N1500 / C.102 11 3728 C POMEFF 220K K5 63 Q100 13 1418 Q BC555 P 30 / C.103 11 3732 C POMEFF 470K K5 63 Q101 13 1418 Q BC559 P 30 / C.104 11 4100 C POMEFF 100K K5 63 Q101 13 14072 Q BC547A N 45 / C.105 11 3724 C POMEFF 100K K5 63 Q101 13 14072 Q BC547A N 45 / C.106 11 1487 C ELFRMI 10M M5 35 R1 10 4407 R WW V 3E3 K 11 C.107 11 1531 C ELFRMI 3M3 M5 50 R3 10 11947 R CFF E47 K 0 C.108 11 1549 C ELFRMI 3M3 M5 50 R3 10 11947 R CFF E47 K 0 C.108 11 1549 C ELFRMI 3M3 M5 50 R3 10 11947 R CFF E47 K 0 C.106 11 11841 C ELAX 100 M T 40 R4 10 1358 R CF 68K J 1 C.11 11 1147 C ELAX 100 M T 16 R5 10 1244 R CF 4K7 J 0 C.114 11 1147 C ELAX 100 M T 16 R5 10 1244 R CF 4K7 J 0 C.114 11 1164 C ELAX 100 M T 25 R8 10 1217 R CFF E10 J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11 1164 C ELAX 1000 M T 25 R8 10 1217 R CFF 27E J 0 C.114 11	
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C151 11 4162 C FOMEFF 100K K 400 R.11 10 1100 K CF 1E 3 C	
CIVE IL 4188 E PUMERE 22UM P 030 K-12 IO 1100 K OF 100K O V	
C171 11 1716 C CE 680P 1000 R.13 10 4268 R WW V 33E K 7	
C171 11 1716 C CE 680P 1000 R.13 10 4200 R WAR 5 35 K 7	
D. 1 13 1637 D BA158 SWITCH R.15 10 1148 R CF 10K 5 C	
D. 2 13 1921	
D3 13 1955 D BYW95C R R.17 10 1139 R CF 1K8 J C	J 0W25
D4 13 1955 D BYM95C R R.18 10 5017 R MTC 4E7	J 0W5
D 5 15 1956 D DIVINE 200 2007 T F	
D. 6 13 1040 D 1847 T 1	
D / 15 165/ D DATE D CP 39Y 7 1	
D 6 15 1657 D. CD. SCY 7 (
D.11 13 19025 D BY255, BYM561300V/3A R R.25 10 1253 E CF 27K J C	
	E 1W

Date: 31/05/91 76 1688

SIT.	ITEM NUMBER	DI		RIPTIC)N			
R.27	10 11907	R		CFF	E10	J	OW4	
R.28	10 1130	R		CF	330E	J	0W25	
R.41	10 11369	R		CFF	1K 680E	J	0W25 0W25	
R.42 R.43	10 1134 10 1148	P.		CF	10K	J	0W25	
R.44	10 1138	R		CF	1K5	J	0W25	
R.47	10 1162	R		CF	150K	J J	0W25	
R.48	10 1145	R R		CF CF	5K6 56E	J	0W25	
R.50 R.51	10 1121 10 1134	R		CF	680E	J	0W25	
R.52	10 1144	P		CF	4K7	J	0W25	
R.53		R		CF	820E 100K	J	0W25 0W25	
R.54 R.55	10 1160 10 1161	P		CF	120K	J	0W25	
	10 1149	P		CF	12K	J	0W25	
R.57	10 1161	P		CF	120K	3	0W25 0W25	
R.58	10 1136	P		CF HV	1K 1M2	J J	0W5	
R.59 R.60	10 4656 10 1136	F		CF	1K	3	0W25	
R.61	10 1132	F		CF	470E	J	0W25	
R.62	10 4170	F		WW V	1K 2K7	K	4W 7W	
R.63 R.64	10 4245 10 4172	. 1		WW V	1E8	ĸ	4W	
R. 65	10 1120	3	Ł	CF	47E	J	0W25	
R.66	10 14675	1		ME	390K	J	1W5 1W5	
R.67 R.68	10 14675 10 1132	1		MF CF	390K 470E	3	0W25	
R. 69	10 41698	1		WWFV	1K5	K	3W	
R.70	10 1124		R	CF	100E	J	0W25 0W25	
R. 72	10 1164 10 1164		R N	CF CF	220K 220K	J	0W25	
R.73 R.74	10 1136		R.	CF	1K	J	0W25	
R.75	10 1124		R	CF	100E	3	0W25	
R.91	10 1168		R	CF CF	470K 820E	J	0W25 0W25	
R.92 R.94	10 1135 10 1136		R R	CF	1K	3	0W25	
R. 95	10 1108		R	CF	4E7		0W25	
R.96	10 1142		R	CF	3K3		0W25	
R.97	10 1133		R R	CF CF	560E 1K	J	0W25 0W25	
R.98 R100	10 1136 10 1144		R	CF	4K7		0W25	
R101			R	CF	470K		0W25	
R102	10 1206		R R	CF CF	3E3 82K	J	0WS 0W25	
R103			R R	CF	12K	J	0W25	
R105			R	CF	180K	3	0W25	
R106			R	CF	47K 47K	J	0W25 0W25	
R107			R R	CF CF	3K3		01425	
R109			R	CF	120K	J	0W25	
R110			R	CF	18K	3 3	0W25 0W25	
R111			R R	CF CF	18K	J	0W25	
R113			R	CF	390£	J	0W25	
R114	10 1136		R	CF	1K	J	0W25 0W25	
R115			R R	CF CF	150E 1E		0W25	
R110			R	CF	2K		0W25	
R111			R	CF	47K	J	0W25	
R120	10 1156		B	CF CF	47K 47K 82K 1K	J .T	0W25	
	1 10 1159 2 10 1136		R R	CF	1K	3	0W25	
	3 10 1166		R	CF	330K	J	0W25	
R12	5 10 1140		R	CF	2K	2 J		
R12	7 10 1103		R	CF HV		8 J 2 J		
R15	0 10 4656 1 10 41778		R	WWE	/ 2E			
R15	4 10 12484		R	CF	10K	J	OWS	
R15	5 10 2038		R			5 K		
	6 10 12364		R	CF CF	18	J	0W5	
	7 10 12364 8 10 1262		R	CF	150K	J	0W5	
R15	9 10 12364		R	CF	18			
	5 10 1145		R			6 J		
R18	0 10 1124							
	1 77 41106		T	RANSF	TV 40 S	MP 6	7 CEBEC	
T.5	0 77 3360		T	RANSF	TV 34 H	OR D	RIVER	
T.5	77 4314		T	RANSF	MN 40 E	HT P	CMZI	
2	1 13 2102		U	33B	ZTK		33V 33V	STAB
	2 13 2102		υ	33B	ZTK			STAB
2.1	0 13 1771		D	ZENER	150V 150V	OWS	, c	
	13 1771		0	ZENER	20V	OW		
	10 13 1730			25888				

CIT	ITEM NUMBER	DESCRIPTION
311.		
	31 35770	J MT MBT P 2 10 LOCK
002.	31 5310	J TAB MBT 0,5 2,8 PLANE
003.	31 3454	J TAB MBT 0,5 4,8
		J MT MBT P 4 7,5 LOCK
005.	31 32651	R WW V HOLDER H20
006.	31 3224	R WW V HOLDER H25
007.	31 4501	FUSE HOLDER 5X20 CLIPS-HOLDER
008.	31 1039	J CRT FBT CVT3240 SOCK
	31 3249	JIC FBT P18 7,5
010.	31 3599	J EDGE FBT P20 5
012.	36 2122	SCREW DIN7985 M 3 X 8 MP+
	36 6102	
	#0 0170	FRAME TV 40 LATH L
016.	80 0171	FRAME TV 40 LATH R
017.	72 1664	FIX TV 40 FRAME STRIP
018	80 0169	HEATSINK TV 40 FRAME DOWN
019.	36 7454	RIVET P AL FE TAP/D/BS44 D3,2
020.	80 0182	HEATSINK TV 40 SMP
021	80 01881	ISOL MN 40 SHEET 15X24
	13 3058	Q FIX CLIPS TO-220
024		Q FIX CLIPS TO-126
	13 3039	SPACER L 8 D 4 D1,2 CER
025	13 3062	Q FIX CLIPS SOT-93
		LABEL EHT ARROW
8100	34 8100	WIRE JUMPER 0,6 M AUTOM

Date: 31/05/91 76 1688

76 1680

UNIT I SENSE ABL

. ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
			aller dang lipin limin limin limin limin diper aller diper aller diper
1 11 2741	C CE MI 1K5 K5 63	Q1 13 2552	Q BF423 P 250 / 50
	C CE MI 1K5 K5 63	Q2 13 2552	Q BF423 F 250 / 50
2 11 2741	C CE MI 1K5 K5 63	03 13 2552	Q BF423 P 250 / 50
.3 11 2741		•	
.4 11 2240	C NDO WI 685 12 63	R1 10 0171	R CF V 820K J5 0W25
.1 13 1621	D 1N4148 SWITCH	R2 10 0171	R CF V 820K J5 0W25
	D 1M4148 SWITCH	R3 10 0171	R CF V 820K JS 0W25
.1 13 16217 .2 13 16217	D 1N4148 SWITCH	R4 10 0172	R CF V 1M K5 0W25
	D 1N4148 SWITCH	R5 10 0172	R CF V 1M K5 0W25
.3 13 16217 .4 13 16217	D 1N4148 SWITCH	R6 10 0172	R CF V 1M K5 0W25
1 10 6116	R T CAMH 4M7 M OW1	76 1293D	UN I SENSE TV 40 ABL
.2 10 6116	R T CAMH 4M7 H OW1		
.3 10 6116	R T CAMH 4M7 M 0W1	001. 31 3284	J CIS MBS P 1 L 6,2REEL

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
C109	11 1162 11 4106	C ELAX 220M T 25 C POMEFF 1M K 100	R171 10 1140 R172 10 1147	R CF 2K2 J 0W25 R CF 8K2 J 0W25 R CF 33E J 0W25
D.71	13 1621	D 1N4148 SWITCH	R173 10 1118	R CF 33E J 0W25 UN SUB GEOMETRIE 40 BLACKLINE
PC	78 0071	PCB MN 40 GEOMETRIE BLACKLINE	31 3284	J CIS MBS P 1 L 6,2REEL
R119	10 1133	R CF 560E J 0W25	31 3366	J CIS MBS P 1 L 8,7REEL

76 1941

C.21 11 4720 C CESA Y 1K M 400 I2 13 27871 U 4601 TDA SMP C	SIT.	ITEM NUMBER	DESCRIPTION		TEM NUMBER	DESCRIPTION
Teledo ON I SENSER 94 OR ANI BALCELINE D.14 33 18025 DE BYIESS, NYMES 18001 SOVY, NYMES 1801 NYMES		76 15739	IIN RETARDED MN 40 SCM 110V V2	D.12 1	3 19025	D BY255, BYM561300V/3A R
1. 1. 1. 1. 1. 1. 1. 1.			UN I SENSE MN 40 ABL BLACKLINE	D.13 1	3 19025	
C.12 11 1413 C POMETY 3000 K 100 D.44 13 1697 D BAL15 SHITCH C.13 11 1416 C ELEMAN 328 T 350 D.44 13 1697 D BAL15 SHITCH C.13 11 1416 C ELEMAN 328 T 350 D.44 13 1697 D BAL15 SHITCH C.13 11 1416 C ELEMAN 328 T 350 D.42 13 1612 D BAL15 SHITCH CALL CALL CALL CALL CALL CALL CALL CA		76 1681	UN SUB GEOMETRIE 40 BLACKLINE			
1.1 1.2		11 4107	P DOMESTE 32AV V 10A			
C.14 II 14/19 C PURE FOR X 100 D.50 IN 15/19 D.50 IN 15/19 D.50 IN 15/19 C PURE A TABLE S 25 D.51 IN 15/19 D.50 IN						
C. 1.6 11 14166 C ELPR 4790 25 25 D.22 13 1542 D EXCHA 1300V/AA R 25 25 D.23 13 1521 D EXCHA 1500V/AA R 25 25 D.23 13 1521 D EXCHADAGE 20 C. 1.7 11 1323 C ELBR 4791 E				p.50 1	13 1637	
1, 1449 1, 1						
C 1 11 1400 C ELSE 477 S 400 D.55 13 1321 D BY299, SKG4 950V/ZA R C 2 11 1410 C ELSE 479 T 7259 D.55 13 1321 D BY299, SKG4 950V/ZA R C 2 11 13712 C ELSE 10500 T 40 D.55 13 1321 D BY299, SKG4 950V/ZA R C 2 11 13712 D ELSE 10500 T 40 D.55 13 1321 D BY299, SKG4 950V/ZA R C 2 11 13712 D ELSE 10500 T 40 D.55 13 1321 D BY299, SKG4 950V/ZA R C 3 11 13712 D ELSE 10500 T 40 D.55 13 1447 D BY299, SKG4 950V/ZA R C 3 11 13712 D ELSE 10500 T 50 D ELS			-	_		
11 1410 C			•			
C.19 11 13711 C						
C.13 11 2025 C CL DT 18 5 400 D100 13 1644 D 144001 5097/1A C.14 11 1407 C ELPR 100H 25 45 D102 13 1621 D 14414 S STITCH C.14 11 1407 C ELPR 100H 25 45 D102 13 1621 D 14414 S STITCH C.15 11 1417 C ELPR 100H 25 45 D102 13 1621 D 14414 S STITCH C.17 11 1416 C ELPR 100H 25 45 D102 13 1621 D 14414 S STITCH C.17 11 15455 C ELPR 100H 25 45 D102 13 1621 D 14414 S STITCH C.17 11 15455 C ELPR 100H 25 D102 D						
C.14 11 500 C PPERDO 227 5100 D10 13 1621 D 18414 SHITCE C.15 11 1477 C ELFR 2004 25 40 D102 13 1621 D 18414 SHITCE C.15 11 1478 C ELFR 2004 25 25 SHITCE C.16 11 1478 C ELFR 2004 25 25 SHITCE C.17 1407 C C FEFF 2004 25 25 SHITCE C.18 11 3952 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.18 11 3952 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.19 11 2214 C FORMON 12 25 63 SHITCE C.20 14 718 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.21 14 718 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.22 14 718 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.23 14 718 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.24 17 2314 C FEFFF 105 J 400 F.3 31 4150 FUSE 2A SHITCE C.25 14 718 C FEFFF 105 J 400 F.3 31 7452 FUSE 2A SHITCE C.26 14 718 C FEFFF 105 J 400 F.3 31 7452 FUSE 2A SHITCE C.27 14 4166 FUSE A SHITCE A SHITCE C.27 14 4166 FUSE A SHITCE A SHITCE C.28 14 4720 C C C C C C C C C						
11 1479 C EUR 100H 25 40						
C.15 11 4472 C PO FF 22KM 1300 F3 31 4150 FUSE 2A 5000 SUM ULDER C.16 11 4427 C PO FF 22KM 2300 F3 31 4150 FUSE 2A 5000 SUM ULDER C.17 11 13464 C EXPONT 11 M M5 50 F3 31 4150 FUSE 2A 5000 SUM ULDER C.18 11 3244 C PO FF 22KM 14 M M0 F3 31 4150 FUSE 2A 5000 SUM ULDER C.20 11 4716 C FORAPO 11 M M.C230 F3 31 4150 FUSE 2A 5000 SUM ULDER C.21 11 4720 C CESA Y 1K M 400 F3 31 4711 U 4001 TDA 5800 C C.22 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.23 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.24 11 2297 C C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400 F3 31 2798 U 2653A TDA VER EFFL 1 C.25 11 4720 C CESA Y 1K M 400						
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C.15 12342 C PETTPE 10X J 400 F.3 31 4449 FUSE 1A250 5320 FAST ULCCI.	C.16	11 4427				
11 2214 12 224 12 12 12						
C.20 11 4726 C CERN Y 1R M 400				13	21 4149	2002 17230 3720 1721 02-0011
C.22 11 4720 C CSA Y 1K M 400 T.2. 13 2787 U 4601 TDA SMP CC C.23 11 2837 C CESA Y 1K M 400 T.3. 13 2782 U 2853A TDA SQR CC C.23 11 2837 C CE DI 10K S 400 TOA TOA				11 1	13 4010	
C.24 12837 C CE DI 10K S 400 1100 13 2799 U 2653A TOA VER DEFL C.25 11 1544 C ELRA S 400 L 1287 C C D 10K S 400 L 1287 C D C C C D 10K S C D C C C D C C C D C C						
1.2857 C. D. 1.08 S. NO						
C.25 II 1654 C EERA 1 200 T 345				1100 1	13 2790	U 2653A TDA VER DEFL AMP
C.28 11 47105 C POMETY 200K # 400 L3 30 2108 CORL CHOKE SHE TY 31 C C.28 11 47105 C POMETY 200K # 40250 L4 30 6435 CORL CHOKE MAY 3,5 K 3 C C.28 11 47105 C POMETY 200K K 250 L4 30 6435 CORL CHOKE MAY 3,5 K 3 C C C C C C C C C C C C C C C C C C				т. 1 7	77 3028	COIL CHOKE SMP TV 31
C.28 11 4105 C POMETE 120N K 400 L.3 30 2108 CORE TUBE 1,37 3,5 X 3 C.29 11 4132 C POMETE 100N M 2250 L.5 71 2604 CORE FERROX DZ/SLIO C.30 11 11466 C ELFA 100N E 5 16 L.5 77 4224 COLL FERROX DZ/SLIO C.31 11 11466 C ELFA 100N E 5 16 L.5 77 4224 COLL FERROX DZ/SLIO C.32 11 2771 C ELFANT 100N E 5 16 C.41 11 4162 C FOMETE 100N K 400 P.2 10 6107 R T CAMH 10N M 0M1 C.42 11 41051 C FOMETE 560N K 100 P.2 5 16 P.5 11 06 6109 R T CAMH 10N M 0M1 C.50 11 1466 C ELFA 470N E 5 16 P.5 11 06 6109 R T CAMH 47K M 0M1 C.51 11 1412 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 41051 C FOMETE 560N K 100 P.2 10 6109 R T CAMH 47K M 0M1 C.52 11 4102 C FOMETE 560N K 250 P.3 10 6109 R T CAMH 47K M 0M1 C.53 11 4100 C FOMETE 100 K 250 P.3 10 6109 R T CAMH 47K M 0M1 C.53 11 4100 C FOMETE 100 K 250 P.3 10 6109 R T CAMH 47K M 0M1 C.55 11 4102 C FOMETE 50N K 250 P.3 10 6109 R T CAMH 47K M 0M1 C.57 11 4114 C FOMETE 50N K 250 P.3 11 4134 C FOMETE 70N K 250 P.3 10 6109 R T CAMH 47K M 0M1 C.57 11 4114 C FOMETE 70N K 250 C.58 11 4103 C FOMETE 70N K 250 C.59 11 4103 C FOMETE 70N K 250 C.50 11 4100 C FOMETE 70N K 250 C.5						
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C.72 II 4102 C FOMEFF 220K K 100 Q100 I3 1418 Q BCS59 P 30 / OAL C100 II 3732 C POMEFF 470K KS 63 Q101 I3 14072 Q BCS47A N 45 / OAL C101 II 1193 C ELAX 1000M T 40 Q102 I3 2570 Q BDX77,709 N 80 / 8A C102 II 3728 C FOMEFF 220K KS 63 C POMEFF 220K KS 63 C POMEFF 100K K 100 R.2 10 11947 R CFF E47 K 0W4 C105 II 3732 C POMEFF 100K K 100 R.2 10 11947 R CFF E47 K 0W4 C105 II 3724 C POMEFF 100K K 63 R.3 10 11947 R CFF E47 K 0W4 C105 II 3724 C POMEFF 100K K 63 R.3 10 11947 R CFF E47 K 0W4 C105 II 3724 C POMEFF 100M KS 63 R.3 10 11947 R CFF E47 K 0W4 C105 II 1847 C ELRR 100M 25 40 R.4 10 1358 R CF 68K J 1W C107 II 1531 C ELRRII 10M MS 35 R.5 10 1244 R CF 4K7 J 0W5 C107 II 1549 C ELRWII 3M3 MS 50 R.6 10 1359 R CF 82K J 1W C110 II 11841 C ELAX 1M T 40 R.7 10 11907 R CFF E10 J 0W4 C111 II 11447 C ELAX 100M T 16 R.8 10 1217 R CFF E10 J 0W5 C112 II 1424 C FOMEFF 22K K 250 R.8 10 1217 R CF 27E J 0W5 C113 II 4110 C POMEFF 4M7 K 100 R.10 10 1100 R CF 1E J 0W25 C115 II 3724 C POMEFF 4M7 K 100 R.10 10 1100 R CF 1E J 0W25 C115 II 3724 C POMEFF 100K KS 63 R.12 10 1160 R CF 100K J 0W25 C150 II 4602 C POMEFF 4M7 K 100 R.10 10 1100 R CF 1E J 0W25 C150 II 46602 C POMEFF 100K KS 63 R.12 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 100K K 563 R.12 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 100K K 500 R.10 II 1158 R CF 100K J 0W25 C150 II 46602 C POMEFF 100K K 500 R.11 10 1100 R CF 1E J 0W25 C150 II 46602 C POMEFF 100K K 500 R.12 II 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 100K K 500 R.11 10 1100 R CF 1E J 0W5 C151 II 4162 C POMEFF 100K K 500 R.12 II 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 100K K 500 R.12 II 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 100K K 500 R.12 II 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 200K K 500 R.12 II 10 1160 R CF 100K J 0W25 C150 II 46602 C POMEFF 200K K 500 R.12 II 10 1160 R CF 100K J 0W25 C150 II 4670 R WW J 335 K 7W J 0W25 C150 II 4670 R WW J 335 K 7W J 0W25 C150 II 4670 R WW J 335 K 7W J 0W25 C150 II 4670 R WW J 335 K 7W J 0W25 C150 II 4670 R WW J 335 K 7W J 0W25 C150 II 467						
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PARTS LISTING - 1 Date: 31/05/91 76 1941

T.	ITEM NUMBER	DE	SCRIPTI				SIT	•	ITEM NUMBER	DESCRIPTION
41	10 11369	R	CFF	1K	J	0W25	- R12	0	10 1156	R CF 47K J 0W25
42	10 1134	R	CF	680E	J	0W25	R12	1	10 1159	R CF 82K J 0W25
	10 1148	R	CF	10K	J	0W25	R12:	2	10 1136	R CF 1K J 0W25
44		R	CF	1K5	J	0W25	R12:		10 1165	R CF 270K J 0W25
	10 1162	R	CF	150K	3	0W25	R12		10 1140	R CF 2K2 J 0W25
	10 1145	R	CF	5K6	3	0W25	R12	_	10 4169	R WW V 1K5 K 4W
50	10 1121	R	CF	56E	J	0W25	R12	-	10 1100	R CF 1E J 0W25
	10 1134	R	CF	680E	3	0W25	R12		10 1103	R CF 1E8 J OW25
2	10 1144	R	CF	4K7	J	0W25	R15		10 4656	R HV 1M2 J 0W5
3	10 1135	R	CF	820E	J	0W25	R15		10 41778	R WWFV 2E2 K 3W
4	10 1160	R	CF	100K	J	0W25	R15	_	10 12484	R CF 10K J 0W5
5	10 1161	R	CF	120K	3	0W25	R15	-	10 2038	R CC 1K5 K OW5
	10 1149	R	CF	12K	J	0W25	R15	-	10 12364	R CF 1K J OWS
7	10 1161	R	CF	120K	J	0W25	R15'		10 12364	R CF 1K J OWS
8	10 1136	R	CF	1K	3	0W25	R15		10 1262	R CF 150K J OWS
9	10 4656	R	HV	1H2	J	OW5	R15:		10 12364	R CF 1K J 0W5
0	10 1136	R	CF	1K	J	0W25	RIS	-	10 1124	R CF 100E J 0W25
1	10 1132	R	CF	470E	J	0W25	R16		10 1145	R CF 5K6 J 0W25
2	10 4170	R	WW V	1K	ĸ	4W				
3	10 4245	R	WW V	2X7	E	7W				
4	10 4172	R	WW V	1E8	ĸ	4W	T	1	77 41106	TRANSF TV 40 SMP 67 CEBEC
5	10 1120	R	CF	47E	J	0W25	T.5		77 3360	TRANSF TV 34 HOR DRIVER
6	10 14675	R	MF	390K	J	1W5	T.5	1	77 4314	TRANSF MN 40 EHT PCM21
7	10 14675	R	MF	390K	J	1W5				
58	10 1118	R	CF	33E	J	0W25	2	1	13 2102	W 338 2TK 33V STAB
8	10 1131	R	CF	390E	J	0W25	Z		13 2102	U 33B 2TK 33V STAB
9	10 41698	R	WWEV	185	K	3W	z.1	_	13 1771	D ZENER 150V OWS C
0	10 1124	R	CF	100E	J	0W25			13 1771	D ZENER 150V OW5 C
2	10 1164	R	CF	220K	J	0W25			13 1730	D ZENER 20V OWS C
73	10 1164	R	CF	220K	J	0W25				
74	10 1136	R	CF	1K	J	0W25			76 1208D	UN FRAME TV 40 SUP CTV27
75	10 1124	R	CF	100E	5	0W25				
91	10 1168	R	CF	470K	J	0W25	001		31 35770	J MT MBT P 2 10 LOCK
92	10 1135	R	CF	820E	J	0W25	002		31 5310	J TAB MBT 0,5 2,8 PLANE
14	10 1136	R	CF	1K	J	0W25	003		31 3454	J TAB MBT 0,5 4,8
5	10 1108		CF	4E7	J	0W25	004		31 35780	J MT MBT F 4 7,5 LOCK
	10 1142	R	CF	3K3	J	0W25	005		31 32651	R WW V HOLDER H20
	10 1133	R	CF	560E	J	0W25	006		31 3224	R WW V HOLDER H25
8	10 1136	R	CF	1K	J	0W25	007		31 4501	FUSE HOLDER 5x20 CLIPS-HOLDER
0	10 1144	R	CF	4K7	3	0W25	008		31 1039	J CRT FBT CVT3240 SOCK
1	10 1168	R	CF	470K	J	0W25	009		31 3249	J IC FBT P18 7,5
2	10 1206	R	CF	3E3	J	OW5	010		31 3599	J EDGE FBT P20 5
3	10 1159	R	CF	82K	J	0W25	012		36 2122	SCREW DIN7985 M 3 X 8 MP+
14	10 1149	R	CF	12K	J	0W25	013		36 6102	NUT DIN934 M 3 HEXAGON
5	10 1163	R	CF	180K	J	0W25	015		80 0170	FRAME TV 40 LATH L
)6	10 1156	R	CF	47K	J	0W25	016			FRAME TV 40 LATH R
7	10 1156	R	CF	47K	J	0W25	017		72 1664	FIX TV 40 FRAME STRIP
8	10 1142	R	CF	3K3	J	0W25	018		80 0169	HEATSINK TV 40 FRAME DOWN
9	10 1161	R	CP	120K	J	0W25	019		36 7454	RIVET P AL FE TAP/D/BS44 D3,2
0	10 1151	R	CF	18K	J	0W25	020		80 0182	HEATSINK TV 40 SMP
1	10 1136	R	CF	1K	J	0W25	021		80 01881	ISOL MN 40 SHEET 15X24
12	10 1151	B.	CF	18K	J	0W25	023		13 3058	g FIX CLIPS TO-220
	10 1131	R	CF	390E	J	0W25	024		13 3032	Q FIX CLIPS TO-126
	10 1136	R	CF	1K	J	0W25	024	1	13 3039	SPACER L 8 D 4 D1,2 CER
	10 1126	R	CF	150E	J	0W25	025		13 3062	Q FIX CLIPS SOT-93
16	10 1100	R	CF	12	J	0W25	027			LABEL EHT ARROW
	10 1140	R	CF	2K2	J	0W25			34 8100	WIRE JUMPER 0,6 M AUTOM
	10 1156	R	CF	47K	3	0W25				

DELAY UNIT

76 15739

SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
c1	11 14855	C ELPR 22M Z5 40	10 11129	R CFF 10E J 0W25
C2	11 1654	C ELRA 220M T 385	76 1573D	3N RETARDED MN 40 SCM 220V V2
D1	13 1637	D BA158 SWITCH		
			001. 31 3366	J CIS MBS P 1 L 8,7REEL
PTC1	10 52096	R PTC 220V PHILIPS 662	001. 32 43231	RELAY 880E 24V 2U CSA
			002. 80 0743	SPACER RIV L29 D 7 M3 AL
PC.	71 6543	PCB MN 40 SCM RETARD ON 761573		

76 1680

UNIT I SENSE ABL

IT. ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
*			
1 11 2741	C CE MI 1K5 K5 63	Q1 13 2552	@ BF423 P 250 / 50
2 11 2741	C CE MI 1K5 K5 63	Q2 13 2552	Q BF423 P 250 / 50
3 11 2741	C CE MI 1R5 K5 63	Q3 13 2552	BF423 P 250 / 50
4 11 2240	C NPO MI 68P J5 63		
		R1 10 0171	R CF V 820K J5 0W25
1 13 1621	D 1N4148 SWITCH	R2 10 0171	R CF V 820K J5 0W25
1 13 16217	D 1N4148 SWITCH	R3 10 0171	R CF V 820K JS 0W25
2 13 16217	D 1N4148 SWITCH	R4 10 0172	R CF V 1M K5 0W25
3 . 13 16217	D 1N4148 SWITCH	R5 10 0172	R CF V 1M K5 0W25
4 13 16217	D 1M4148 SWITCH	R6 10 0172	R CF V 1M K5 0W25
1 10 6116	R T CAME 4M7 M OWL	76 12 9 3D	UN I SENSE TV 40 ABL
2 10 6116	N T CAME 4M7 M OWL		
3 10 6116	R T CAMH 4M7 M 0W1	001. 31 3284	J CIS MBS F 1 L 6,2REEL

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
C109	11 1162	E ELAX 220M T 25	R171 10 1140	R CF 2K2 J 0W25
C153		C POMEFF 1M K 100	R172 10 1147	R CF 8K2 J 0W25
CIJJ	11 4100	· · · · · · · · · · · · · · · · · · ·	R173 10 1118	R CF 33E J 0W25
D.71	13 1621	D 1N4148 SWITCH	76 1681D	UN SUB GEOMETRIE 40 BLACKLINE
PC	78 0071	PCB MN 40 GEOMETRIE BLACKLINE	31 3284	J CIS MBS ■ 1 L 6,2REEL
R119	10 1133	R CF 560E J 0W25	31 3366	J CIS MBS P 1 L 8,7REEL

76 1955

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
	76 1680	UN I SENSE MN 40 ABL BLACKLINE	D.13	13 19025	D BY255, BYM561300V/3A R
	76 1681	UN I SENSE MN 40 ABL BLACKLINE UN SUB GEOMETRIE 40 BLACKLINE	D.14	13 19025 13 1644	D 1N4001 50V/1A
			D.40	13 1621	D 1N4148 SWITCH
C1	11 4103	C POMEFF 330K K 100 C ELSN 22M T 350 C POMEFF 330K K 100 C ELPR 470M 25 25 C ELPR 470M 25 25 C ELPRUL 10M M 350 C CE DI 4K7 S 400	D.42	13 1621	D 184148 SWITCH D 184148 SWITCH D 184148 SWITCH D BA158 SWITCH D BG2097-643-415 CASCADE D BY448 1500V/4A R D BY299, SK4G8 800V/2A R D BY299, SK4G8 800V/2A R D BY299, SK4G8 800V/2A R
C2	11 418	C POMEFF 330K K 100	D.50	13 1637	D BA158 SWITCH
C4	11 1479	C ELPR 470M 25 25	D.51	13 2070	D BG2097-643-415 CASCADE
C5	11 1479	C ELPR 470M 25 25	D.52	13 1942	D BY448 1500V/4A R
C6	11 14169	C ELPRUL 10M M 350	D.53	13 1921	D BY299, SK4G8 800V/2A K
C7	11 2833 11 1418	C CE DI 4K7 S 400 C ELSN 22M T 350	D.54	13 1921	D BY299.SK4G8 800V/2A R
C 9	11 13711	C ELSN 1000M T 40	D.56	13 1637	D BA158 SWITCH
C.10	11 1479	C ELSN 1000M T 40 C ELPR 470M 25 25 C CE DI 1K S 400	D.70	13 1637 13 1637 13 1644 13 1621 13 1621	D BA158 SWITCH
C.11	11 2825	C CE DI 1K S 400	D100	13 1644	D 1N4001 50V/1A
C.13	11 50051	C PPMEPO 2K2 J 1500	D101	13 1621	D 1N4146 SWITCH D 1N4146 SWITCH
C.14	11 1487	C ELPR 100M Z5 40 C ELPR 100M Z5 40	D102	12 1051	N THETAN THINK
C.15	11 1487	C PO FF 22K M 250	F1	31 4116	FUSE 2A 5X20 SLOW
C.17	11 15465	C ELPRMI 1M M5 50	F2	31 4116 31 4116	FUSE 2A 5X20 SLOW
C.18	11 39622	C PETPFP 10K J 400	F3	31 4102	FUSE 1A250 5X20 FAST
C.19	11 2234	C NPO MI 22P G5 63			U 7815 +15V/1A STAB
C.20	11 4716 11 4720	C POSAPO 1M H AC250			U 4601 TDA SMP CTRL
C.21	11 4720	C CESA Y 1K M 400 C CESA Y 1K M 400			U 2595 TDA HOR COMB
C.22	11 4720 11 2837		1100	13 2790	U 2653A TDA VER DEFL AMP
C.25	11 1654	C ELRA 220M T 385	L1	77 3028	COIL CHOKE SMP TV 31
C.26	11 4720	C CESA Y 1K M 400	L2	77 3028 30 2108	COIL CHOKE SMP TV 31 CORE TUBE 1,3/ 3,5 X 3
C.27	11 4166	C POMEFF ZZUK K 400 E POSAPO 100K M AC250	L4	30 2108 30 6433	COIL CHOKE MAINS 27MH
C.28	11 4/105	C POMEFF 100K K 250	L5	71 2604	CORE FERROX D2/5L10
C.30	11 1151	C ELAX 2200M T 16			COIL LIN 4042/08A SILIC
C.31	11 1466	C ELAX 2200M T 16 C ELPR 100M Z5 16 C CE MI 100K U5 63 C ELPRMI 10M M5 35 C POMEFF 100K K 400 C POMEFF 550K K 100 C ELPR 470M Z5 16 C ELAX 4M7 Z 40 C POMEFF 560K K 100 C POMEFF 10K K 250 E COG MU 4K7 J5 63 C POMEFF 10K K 250	L100	77 3363	COIL BRIDGE TV 34GS
C.32	11 2774	C CE MI 100K U5 63	n 1	10 6107	R T CAMH 10K M 0W1
C.40	11 1531	C ELPRMI 10M M5 35		10 6107	R T CAME 10K M OW1
C.41	11 4162	C POWERF 100K K 100		10 6109	R T CAME 47K M OW1
C. 50	11 1468	C ELPR 470M Z5 16			R T CAMH 47K M OW1
C.51	11 1184	C ELAX 4M7 2 40			R T CAMR 47K M OW1
C.52	11 41051	C POMEFF 560K K 100			R T CAMH 1K M 0W1 R T CAMH 100E M 0W1
C.53	11 4120	C POMEFF 10K K 250		10 6101 10 6105	R T CAMH 2K2 M 0W1
C.54	11 2920	C POMPER 10K K 250		10 6105	R T CAMH 2K2 M OW1
C.55	11 4120	C POMEFF 220K K 100		10 6109	R T CAMH 47K M OW1
C.57	11 4124	C POMEFF 22K K 250	P106	10 6111	R T CAMH 100K M OW1
C.58	11 4134	E COG MU 4K7 J5 63 C POMEFF 10K K 250 C POMEFF 220K K 100 C POMEFF 220K K 250 C POMEFF 150K K 250 C C E DI 4K7 S 400 C POMEFF 470K K 250 C ELAX 100M T 40 C PO FF 470K K 250 C PP PO 330K K 250 C PPMEPO 9K1 J 1500 C PPMEPO 9K1 J 1500 C PPMEPO 27K J 1000 C POMEFF 100K K 100 C POMEFF 100K K 100 C POMEFF 100K K 100 C POMEFF 220K M 1600 C ELAX 10M Z E C POMEFF 220K M 100 C POMEFF 470K K5 63 C ELAX 100M T 40			PCB TV 40 FRAME SUP 2 761372
C.59	11 2833	C CE DI 4K7 S 400	PC	71 6345	PCB 14 40 PRAME SOF 2 101512
C.60	11 4140	C FLAY 100M T 40	PTC1	10 52096	R PTC 220V PHILIPS
C.62	11 4442	C PO FF 470K K 250			
C.63	11 4590	C PP PO 330K K 250		13 2946	Q BU2508 N1500*/ 8A
C.64	11 1780	C PPMEPO 9K1 J 1500		13 2517 13 2552	© BUX84 N 250 / 50 © BF423 P 250 / 50
C.65	11 17913	C PPMEPO 27K J 1000			
C. 66	11 4100	C BY AY 50K M 1600	0.40	13 1413	Q BF422 N 250 / 25 Q BC557 P 45 / 0A1
C.70	11 1115	C POMEFF 100K K 100 C HV AX 50K M 1600 C ELAX 10M Z E C POMEFF 220K E 100 C POMEFF 470K K5 63 C ELAX 1000K T 40	Q.50	13 2516 13 1413 13 14295 13 1471 13 2949 13 1418 13 14072	Q BC549B N 30 / 0A1
C.72	11 4102	C POMEFF 220K E 100	Q.51	13 1471	Q BF458 N 250 / 0A1
C100	11 3732	C POMEFF 470K K5 63	Q.52	13 2949	Q BUSORAF N1500 / 8A
C101	11 1193	C ELAX 1000M T 40	O101	13 14172	Q BC559 P 30 / 0A1 Q BC547A N 45 / 0A1
C102	11 3728	C POMEFF 220K K5 63 C POMEFF 470K K5 63	0102	13 2570	Q BDX77,709 N 80 / 8A
C103	11 3/32	C POMEFF 100K K 100			
C105	11 3724	C POMEFF 100K K5 63	R1	10 4407	R WW V 3E3 K 11W
C106	5 11 1487	C ELPR 100M 25 40	R2		R CFF E47 K OW4
C107	7 11 1531	C ELPRMI 10M M5 35	K3	10 1134/	R CFF E47 K OW4 R CF 68K J 1W
C108	11 1549	C ELPRMI 3M3 M5 S0 C ELAX 1M T 40	p 5	10 1244	R CF 4K7 J OWS
C110	1 11 11841	C ELAX 100M T 16	R6	10 1359	R CF 82K J 1W
6111	2 11 4124	C POMEFF 22K K 250	R7	10 11907	R CFF E10 J OW4
	3 11 4110	C POMEFF 4M7 K 100	K	10 1217	R CF 27E J OW5
C114	11 1164	C POMEFF 4M7 K 100 C ELAX 1000M T 25 C POMEFF 100K K5 63			R MO 33K J 1W5 R CF 1E J 0W25
		C POMEFF 100K K5 63			R CF 1E J 0W25 R CF 1E J 0W25
	0 11 4602	C POHVPO 47K M 1000 C POMEFF 100K K 400		10 1160	R CF 100K J 0W25
	1 11 4162 0 11 4188	C POMEFF 220K K 630		10 4268	R WW V 33E E 7W
	1 11 1716	C CE 680P 1000	R.14	10 1152	R CF 22K J 0W25
-2				10 1148	R CF 10K J 0W25
	1 13 1637			10 1265 10 1139	R CF 270K J 0W5 R CF 1K8 J 0W25
	2 13 1921	D BY299, SK4G8 800V/2A R		10 1139	R WW V 3E3 K 11W
	3 13 1955	II BYW95C R		10 1267	M CF 390K J 0W5
	4 13 1955 5 13 1956	B BYV28-200 200V/3A5 AR		10 4670	R HV 4M7 J 0W5
	6 13 1646	E 1N4007 1300V/1A	R.21	10 4670	R HV 4M7 J 0W5
	7 13 1637	D BA158 SWITCH		10 1155	R CF 39K J 0W25
	8 13 1637	D BA158 SWITCH		10 1157	R CF 56K J 0W25 R CF 3K9 J 0W25
	9 13 1646	E 1N4007 1300V/1A		1 10 1143 5 10 1253	R CF 3K9 J 0W25 R CF 27K J 0W5
	0 13 19025	D BY255,BYM561300V/3A R D BY255,BYM561300V/3A R	R.26	5 10 13997	R CFF E10 K 1W
	1 13 19025 2 13 19025	D BY255,BYM561300V/3A R	R.27	7 10 11907	R CFF E10 J OW4
٠.1					

PARTS LISTING - 1 Date: 31/05/91 76 1955

SIT.	ITEM NUMBER	DES	CRIPTI	ON			
R.28	10 1130	R	CF	330E	J	0W25	
	10 11369	R	CFF	1K	J	0W25	
R.42	10 1134	R	CF	680E	J	0W25	
R.43	10 1148	R	CF		J	0W25	
R.44	10 1138	R	CF	1K5		0W25	
	10 1162	R	CF	150K		0W25	
R.48	10 1145	R	CF	5K6		0W25	
R.50		R	CF	S6E	J	0W25 0W25	
R.51	10 1134 10 1144	R R	CF CF	680E 4K7		0W25	
	10 1135	R	CF	820E		0W25	
R.54	10 1160	R	CF	100K	3	0W25	
	10 1161	R	CF	100K 120K	J	0W25	
R.56	10 1149	R	CF	12K	J	0W25	
R.57	10 1161	R	CF	120K	J	0W25	
	10 1136	R	CF	1K	J	0W25	
	10 4656	R	HV	1M2		OW5	
	10 1136	R	CF	1K		0W25	
R. 61	10 1132	8	CF	470E	J	0W25 4W	
R. 62	10 4170	R R	WW V	1K 2K7	K K	7W	
R. 63 R. 64	10 4245 10 4172	R	WW V			4W	
R. 65	10 1120	R	CF	1E8 47E 390K	J	0W25	
	10 14675	R	MF	390K	J	1W5	
R.67	10 14675	R	MF	390K	J	1W5	
R.68	10 1131	R	CF	390E	J	0W25	
	10 41698	R	WWFV	1K5		3W	
R.70	10 1124	R	CF	100E 220K	J	0W25	
	10 1164	R	CF	220K	3	0W25	
	10 1164	R	CF	220K	J	OW25	
R.74	10 1136	R R	CF	1K	J J	0W25 0W25	
	10 1124 10 1168	E E	CF CF	100E 470K	3	0W25	
R.92		R	CF	820E	J	0W25	
	10 1136	R	CF	1K	J	0W25	
R. 95	10 1108	R	CF	4E7		0W25	
	10 1142	R	CF	3K3		0W25	
R.97	10 1133	R	CF	560E	J	0W25	
R.98	10 1136	R	CF	1K 33E 4K7	J	0W25	
R068	10 1118	R	CF	33E	J	0W25	
R100		R	CF	4K7	3	0W25 0W25	
R101	10 1168 10 1206	R R	CF CF	3E3	J	OW5	
R103		R	CF	82K		0W25	
R104	10 1149	R	CF	12K	J	0W25	
R105	10 1163	R	CF	180K	J	0W25	
R106	10 1156	R	CF	47K	J	0W25	
R107	10 1156	В	CF	47K	J	0W25	
R108		R	CF	3K3	J	0₩25	
R109		R	CF	120K 18K	J	0W25 0W25	
R110		R N	CF	18	J	0W25	
R111 R112		R	CF	18K	J	0W25	
	10 1131	R	CF	390E		0W25	
	10 1136	R	CF	1K	J	0W25	
	10 1126	R	CF	150E	J	0W25	
	10 1100	R	CF	1E	J	0W25	
R117	10 1140	R	CF	2K2		0W25	
R118	10 1156	R		47K	J	0W25	
	10 1156	R		47K 82K	J	0W25	
	10 1159	R				0W25	
	10 1136	R	CF	1K	J	0W23	
	10 1165		CF	1K 270K 2K2	.7	0W25 0W25 0W25	
	10 1140	Ř	CF	158	л		
	10 11008	R	CFF	2K2 1E8 1E 1M2 2E2	J	0W25 0W25 0W5 3W 0W5	
	10 4656	R	HV	1M2	J	0W5	
	10 41778	R	HV WWFV CF	2E2	K	3W	
R154	10 12484	R	CF	10K	J	OWS.	
	10 2038	R	CC	1K5	K	UWS	
	10 12364	R	CF	1K	J	0W5	
	10 12364	R	CF	1K 150K	J	OW5	
	10 1262	R	CF CF CF	150K	J	0W5 0W5 0W5	
	10 12364	R R	CF	ER.C.	J	0W25	
R165		R	O.E.	100E			
V10	, 10 1127				-		
T1	77 41106	TF	ANSF T	V 40 SM	P 67	CEBEC	
	77 3360	TF	LANSE T	V 34 HO	R DR	IVER	
	77 4314	TF	LANSE M	N 40 EH	T PC	M21	
					_		
	13 2102	U	33B	ZTK ZTK	3	3V	STAB
	2 13 2102	ū		ZTK	3 0W5	2V	STAB
	13 1771 1 13 1771	0	ZENER ZENER	1507	OWS	c	
	13 1771	P	ZENER	20V			
2.41						-	
	76 1208D	ບາ	FRAME	TV 40	SUP	CTV27	

SIT.	ITEM NUMBER	DESCRIPTION
001.	31 3577	J MT MBT P 2 10 BLA
001.	31 35770	J MT MBT F 2 10 LOCK
	31 5310	J TAB MBT 0,5 2,8 PLANE
		J TAB MBT 0,5 4,8
004.	31 35780	J MT MBT F 4 7,5 LOCK
005.	31 32651	R WW V HOLDER H20
		WW V HOLDER H25
007.	31 4501	FUSE HOLDER 5X20 CLIPS-HOLDER
.800	31 1039	J CRT FBT CVT3240 SOCK
009.	31 3249	J IC FBT P18 7,5
		J EDGE FBT P20 5
012.	36 2122	SCREW DIN7985 M 3 X 8 MP+
013.	36 6102	NUT DIN934 M 3 HEXAGON
015.	80 0170	FRAME TV 40 LATE L
016.	80 0171	FRAME TV 40 LATH R
017.	72 1664	FIX TV 40 FRAME STRIF
018.	80 0169	HEATSINK TV 40 FRAME DOWN
		RIVET P AL FE TAP/D/BS44 D3,2
020.	80 0182	HEATSINK TV 40 SMP
021.	80 01881	ISOL MN 40 SHEET 15X24
	13 3058	FIX CLIPS TO-220
024.	13 3032	Q FIX CLIPS TO-126
0241	13 3039	SPACER L 8 D 4 D1,2 CER
025.	13 3062	Q FIX CLIPS SOT-93
027.	59 0217	LABEL EHT ARROW
8100	34 8100	WIRE JUMPER 0.6 H AUTOM

UNIT I SENSE ABL

76 1680

ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
		+	
11 2741	C CE MI 1K5 K5 63	Q1 13 2552	Q BF423 F 250 / 50
	C CE MI 1K5 K5 63	Q2 13 2552	Q BF423 P 250 / 50
	C CE MI 1K5 K5 63	Q3 13 2552	Q BF423 P 250 / 50
11 2240	C NPO MI 68P J5 63		
		R1 10 0171	R CF V 820K J5 0W25
13 1621	m 1N4148 SWITCH	R2 10 0171	R CF V 820K J5 0W25
	D 1N4148 SWITCH	R3 10 0171	R CF V 820K J5 0W25
		R4 10 0172	R CF V 1M K5 0W25
		R5 10 0172	R CF V 1M K5 0W25
	D 1N4148 SWITCH	R6 10 0172	R CF V 1M K5 0W25
10 6116	R T CAMH 4M7 M 0W1	76 1293D	UN I SENSE TV 40 ABL
10 6116	R T CAME 4M7 M OW1	001. 31 3284	J CIS MBS P 1 L 6,2REEL
	11 2741 11 2741 11 2741 11 2240 13 1621 13 16217 13 16217 13 16217	11 2741 C CE MI 1K5 K5 63 11 2240 C NPO MI 68P J5 63 13 1621 E 1N4148 SWITCH 13 16217 D 1N4148 SWITCH 10 6116 R T CAMH 4M7 M 0W1	11 2741

UNIT SUB GEOMETRY

76 1681

SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM N	UMBER DESCRIPTION
C109	11 1162	C ELAX 220M T 25	R171 10 114	0 R CF 2K2 J 0W25
	11 4106	C POMEFF 1M K 100	R172 10 114	7 R CF 6K2 J 0W25
			R173 10 111	8 R CF 33E J 0W25
D.71	13 1621	D 1N4148 SWITCH		
			76 168	1D UN SUB GEOMETRIE 40 BLACKLINE
PC	78 0071	PCB MN 40 GEOMETRIE BLACKLINE		
• • • •			31 328	4 J CIS MBS P 1 L 6,2REEL
R119	10 1133	R CF 560E J 0W25	31 336	6 J CIS MBS P 1 L 8,7REEL

INPUT/OUTPUT BOARDS

Input/output boards

* Printed circuit board

76 1194 : In/Out module + Controls

- * Schematic diagram
- * Parts listing

76 13306 : In/Out module + Controls

- * Schematic diagram
- * Parts listing

76 1643 : In/Out module + Controls

- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1687 : In/Out module + Controls

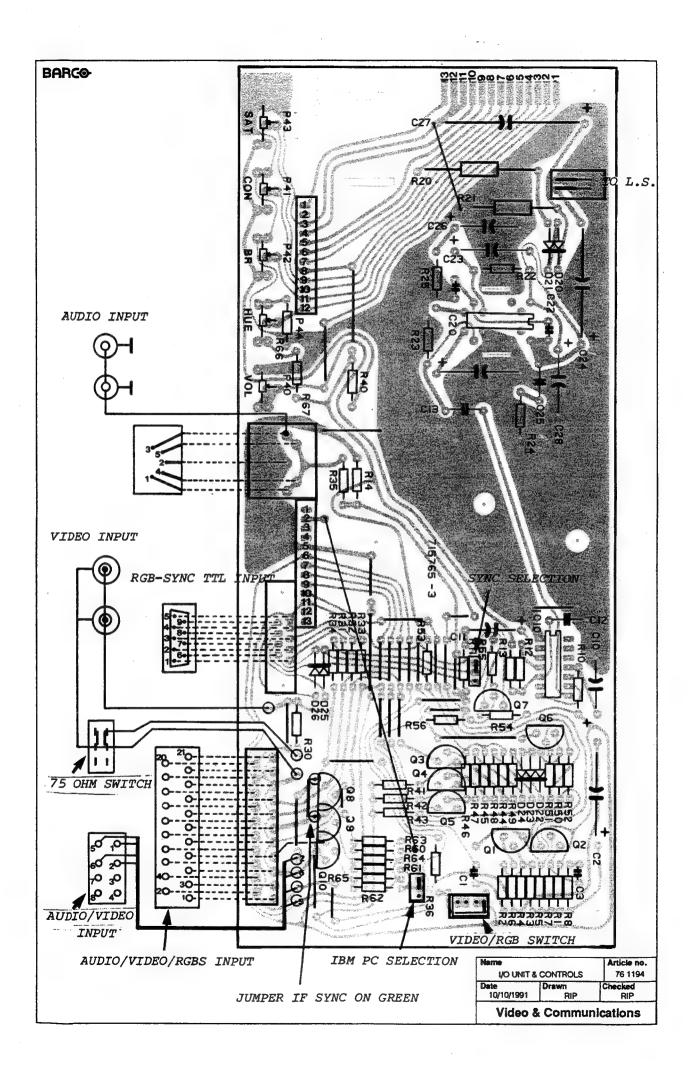
- * Schematic diagram
- * Adjustment procedure
- * Parts listing

76 1939 : In/Out module + Controls

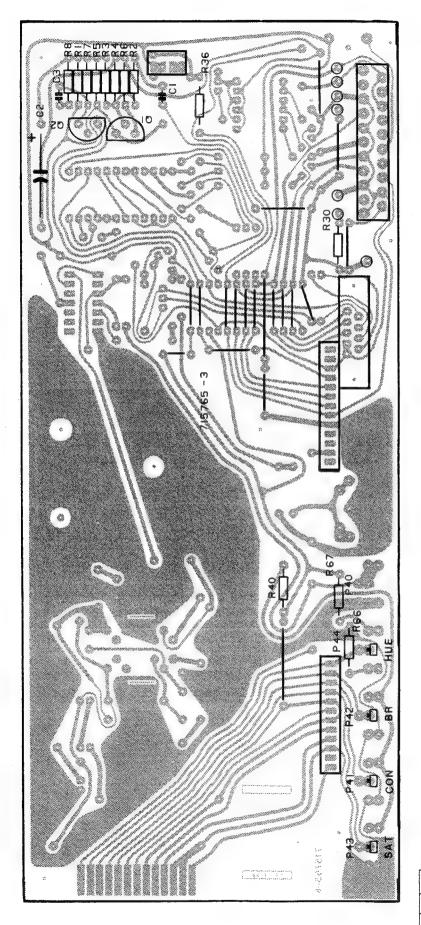
- * Schematic diagram
- * Adjustment procedure
- * Parts listing

SERVICE SHEET

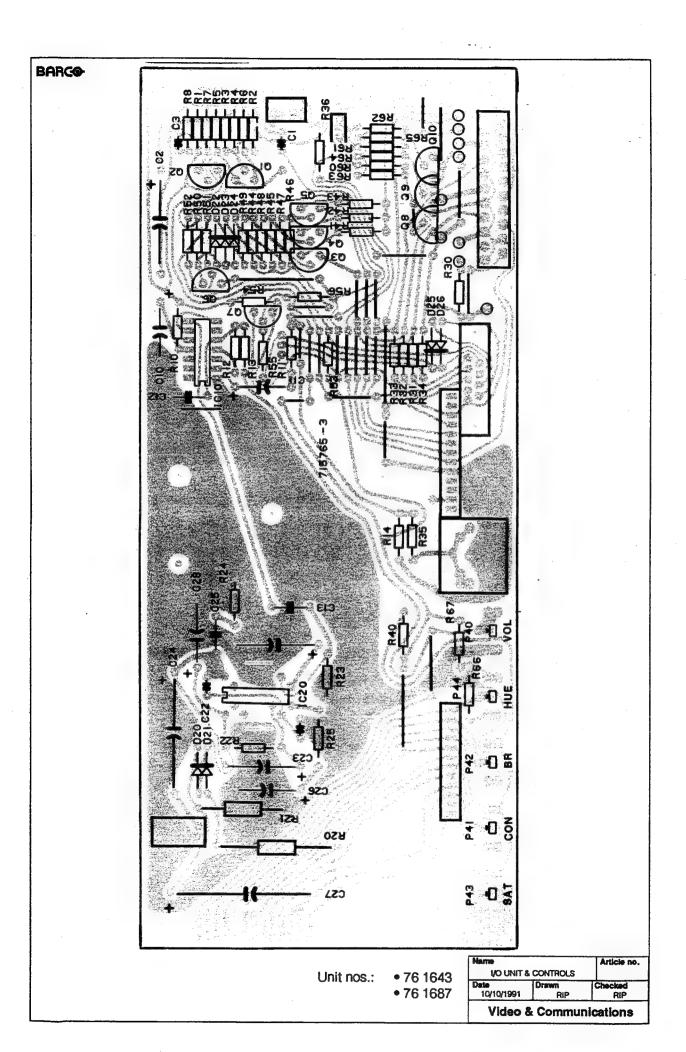
Date: 31/05/91

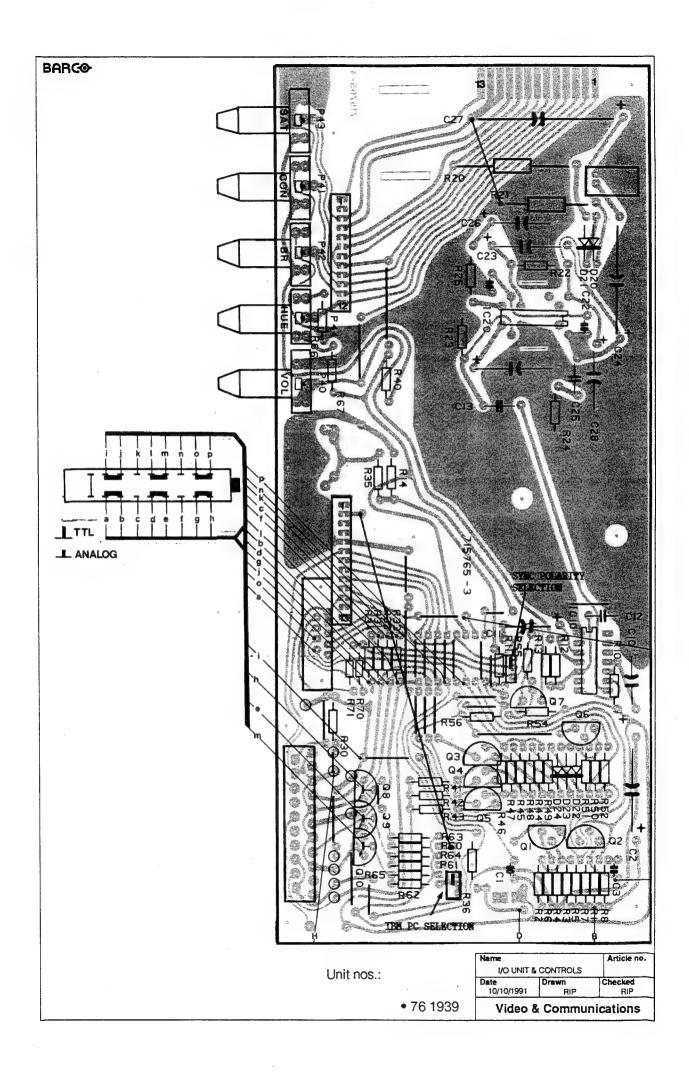


BARCO

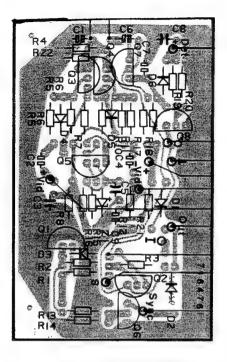


Name	Article no.	
NO UNIT 8	76 13306	
Date	Drawn	Checked
10/10/1991	RIP	RIP
Video 8	& Commur	nications





BARCO



Unit no. 76 1492S is a subunit of I/O unit 76 1939

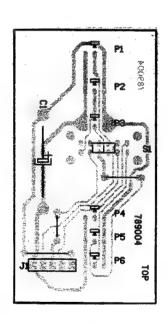
Name		Article no.
VIDEOWALL	76 1492S	
Date	Drawn	Checked
10/10/1991	RIP	RIP
Midee	Communi	cotions

7/3577



Unit no. 76 1602S is a subunit of I/O unit 76 1643

Name		Article no.		
UNI	T SVHS	76 1602S		
Date 10/10/1991	Drawn RIP	Checked RIP		
Video & Communications				

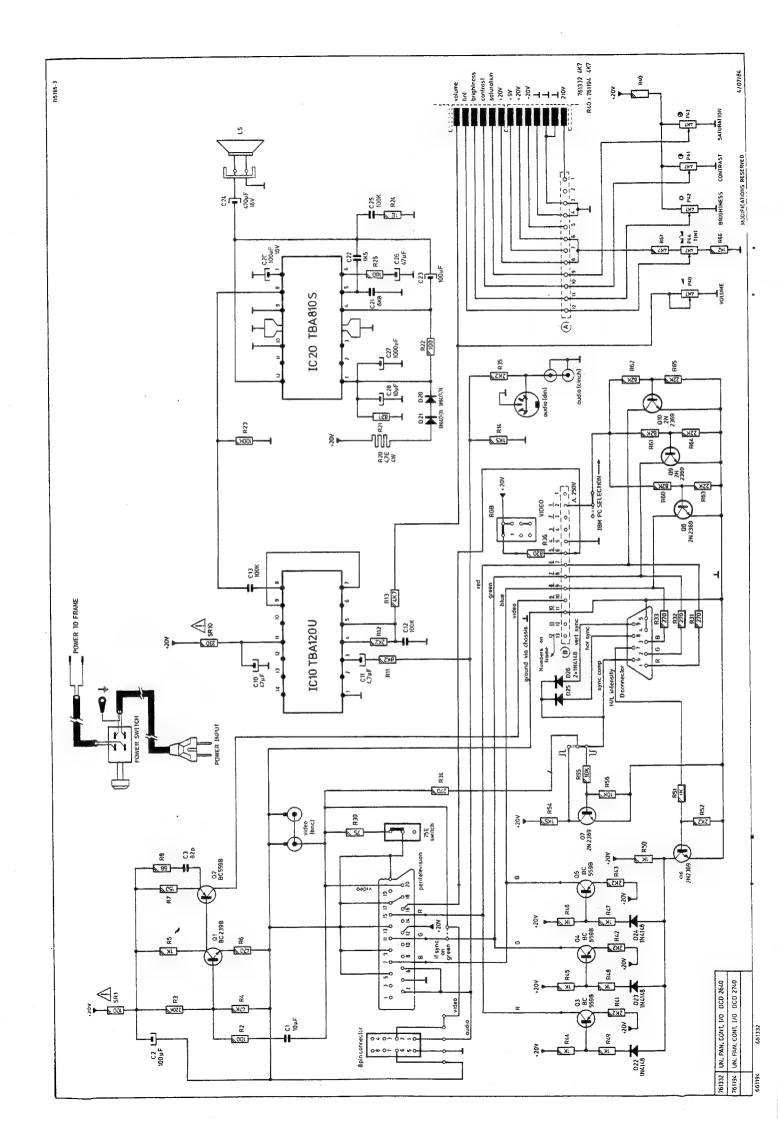


Unit no. 76 1940 is a subunit of I/O unit 76 1939

Name	Article no. 76 1940		
UNIT WHIT			
Date	Drawn	Checked	
10/10/1991	RIP	RIP	

INPUT/OUTPUT BOARD

76 1194



ITEM NO. SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 1680 C1	CAPACITOR ELRABI 10M V 40	10 11231	R.30	RESISTOR CF 75E J 0W25
11 1680 C1 11 1190 C2	CAPACITOR ELAX 100M T 40	10 1129	R.31	RESISTOR CF 270E J 0W25
11 22415 C3	CAPACITOR NPO MI 82P J5 63	10 1129	R.32	RESISTOR CF 270E J 0W25
11 1159 C.10	CAPACITOR ELAX 47M T 25	10 1129	R.33	RESISTOR CF 270E J 0W25
11 1184 C.11	CAPACITOR ELAX 4M7 Z 40	10 1129	R.34	RESISTOR CF 270E J 0W25 RESISTOR CF 2K2 J 0W25
11 4100 C.12	CAPACITOR POMEFF 100K K 100	10 1140	R.35 R.36	RESISTOR CF 2K2 J 0W25 RESISTOR CF 820E J 0W50
11 4100 C.13	CAPACITOR POMEFF 100K K 100 CAPACITOR ELAX 100M T 16	10 1235 10 1144	R.40	RESISTOR CF 4K7 J 0W25
11 1147 C.20 11 2835 C.21	CAPACITOR CE DI 6K8 S 400	10 1140	R.41	RESISTOR CF 2K2 J 0W25
11 2827 C.22	CAPACITOR CE DI 1K5 S 400	10 1140	R.42	RESISTOR CF 2K2 J 0W25
11 1147 C.23	CAPACITOR ELAX 100M T 16	10 1140	R.43	RESISTOR CF 2K2 J 0W25 RESISTOR CF 1K J 0W25
11 1149 C.24	CAPACITOR ELAX 470M T 16	10 1135 10 1136	R.44 R.45	RESISTOR CF 1K J 0W25 RESISTOR CF 1K J 0W25
11 4100 C.25	CAPACITOR POMEFF 100K K 100 CAPACITOR ELAX 47M T 25	10 1136	R.46	RESISTOR CF 1K J 0W25
11 1159 C.26 11 1164 C.27	CAPACITOR ELAX 1000M T 25	10 1136	R.47	RESISTOR CF 1K J OW25
11 11565 C.28	CAPACITOR ELAX 10M Z 25	10 1136	R.48	RESISTOR CF 1K J 0W25
11 1532	CAPACITOR ELPRMI 22M M5 35	10 1136	R.49	RESISTOR CF 1K J 0W25
11 2743	CAPACITOR CE MI 2K2 K5 63	10 1136	R.50	RESISTOR CF 1K J 0W25 RESISTOR CF 1K J 0W25
	DTODE 1N4001 RECTIFIER	10 1136 10 1140	R.51 R.52	RESISTOR CF 1K J 0W25 RESISTOR CF 2K2 J 0W25
13 1644 D.20 13 1644 D.21	DIODE 1N4001 RECTIFIER DIODE 1N4001 RECTIFIER	10 1138	R.54	RESISTOR CF 1K5 J OW25
13 1644 D.21 13 1621 D.22	DIODE 1N4001 RECTIFIER DIODE 1N4148 SWITCH DIODE 1N4148 SWITCH DIODE 1N4148 SWITCH DIODE 1N4148 SWITCH	10 1148	R.55	RESISTOR CF 10K J 0W25
13 1621 D.23	DIODE 1N4148 SWITCH	10 1148	R.56	RESISTOR CF 10K J 0W25
13 1621 D.24	DIODE 1N4148 SWITCH	10 1159	R.60	RESISTOR CF 82K J 0W25
13 1621 D.25	DIONE THATAO PATICIT	10 1159 10 1159	R.61 R.62	RESISTOR CF 82K J OW25 RESISTOR CF 82K J OW25
13 1621 D.26	DIODE 1N4148 SWITCH	10 1155	R.63	RESISTOR CF 22K J 0W25
13 2190 I.10	INTEGRATED CIRCUIT 120U TBA	10 1152	R.64	RESISTOR CF 22K J 0W25
13 2744 I.20	INTEGRATED CIRCUIT 810S TBA	10 1152	R.65	RESISTOR CF 22K J 0W25
20 2.12		10 1137	R.66	RESISTOR CF 1K2 J 0W25 RESISTOR CF 4K7 J 0W25
10 7167 P.40	POTMETER CARV 4K7 M 0W20	10 1144	R.67	RESISTOR CF 4K7 J 0W25
10 7167 P.41 10 7167 P.42	POTMETER CARV 4K7 M 0W20 POTMETER CARV 4K7 M 0W20	31 3575	001.	CONNECTOR EDGE FOBTE P12 2,5
10 7167 P.42 10 7167 P.43	POTMETER CARV 4K7 N 0W20	31 3594	0011	CONNECTOR EDGE FOBTE P13 2,5
10 7167 P.44	POTMETER CARV 4K7 M 0W20	31 3545	002.	CONNECTOR PERI FOBSE P21
		36 7455	0021	RIVET AL FE TAP/D/BS46 D3,2
71 5765 PC	PC 40 PAN CONT I/O AC 761330	31 3138 31 3140	003. 004.	CONNECTOR HONDA FORTE P 8 CONNECTOR BNC FOCTE P 1 R S
13 14295 Q1	MONNETOMOD DESARD	72 1684	0041	ISOLSPACER BNC 40
13 14181 02	TRANSISTOR BC559B,BC309B	72 1685	0042	ISOLSPACER BNC 40
13 14181 03	TRANSISTOR BC559B, BC309B	80 0762	0043	SOLDERLUG SCREW 1TAG D9,8 L24
13 14181 04	TRANSISTOR BC559B,BC309B TRANSISTOR BC559B,BC309B TRANSISTOR BC559B,BC309B TRANSISTOR BC559B,BC309B TRANSISTOR BS520,ZN2369 TRANSISTOR BSX20,ZN2369	31 3111	005. 006.	CONNECTOR AUDIO FORSE P 5 45 SWITCH SLIDE 2U PC FIX PC
13 14181 05	TRANSISTOR BC559B,BC3U3B	32 4158 80 0212	007.	PANEL CSB I/O DCD2740
13 1491 06 13 1491 07	TRANSISTOR BSX20,2N2369	31 3547	008.	CONNECTOR MT MOBSE P 2 2,5
13 1491 08	TRANSISTOR BSX20, 2N2369	72 1696	0101	ISOL SWITCH CS40
13 1491 09	TRANSISTOR BSX20, ZN2369	36 3602	0102	SCREW DIN7981 2,9X 9,5 MP+C KNOB PUSH RED DCD2740
13 1491 Q.10	TRANSISTOR BSX20,2N2369	72 1795 72 1834	0103 0104	KNOB CENTER DCD2740
10 11249 R1	RESISTOR CFFUL 100E J 0W25	36 3511	0105	SCREW DIN7971 2,2X 9,5 MP-C
10 1124 R2	RESISTOR CF 100E J 0W25	36 3510	0106	SCREW DIN7971 2,2X 6,5 MP-C
10 1164 R3	RESISTOR CF 220K J 0W25	34 20091	011.	WIRE TIE FIX 5 TM2
10 1156 R4	RESISTOR CF 47K J OW25	36 7454	0111	RIVET AL FE TAP/D/BS44 D3,2
10 1136 R5	4505 3 00505	34 8019 31 35011	0112 012.	WIRE TIE L100 CONNECTOR DE09 FOBSE P 9
10 1132 R6		80 0893	0121	CONNECTOR D SCREWLOCK
10 1126 R7 10 1122 R8	* 0520	36 7435	0122	RIVET AL AL AD34ABS D2,4
10 11309 R.10	RESISTOR CFFUL 330E J 0W25	32 4127	013.	SWITCH SLIDE 4A
10 1147 R.11	RESISTOR CF 8K2 J 0W25	31 31021	014.	CONNECTOR CINCH FOBTE P 1
10 1140 R.12		31 3251 31 3276	015. 0151	CONNECTOR PIN MOBTE DO, 8WIRE CONNECTOR WAFER MOBTE P10 2,5
10 1144 R.13		31 3276 31 33921	0151	CONNECTOR JUMP F TE P 2 2,5
10 1138 R.14 10 3620 R.20		42 0734	020.	KNOB TURN BLACK
10 3020 R.20 10 1335 R.21		72 1784	0201	KNOB TURN AXE 10,25MM
10 1224 R.22	RESISTOR CF 100E J 0W50	34 81082	8108	JUMPER INSULATED M 22,5 MM
10 1160 R.23		31 3366 71 6510		CONNECTOR CIS MOBSE F 1 REEL PC 40 PAN SUB 761194
10 1100 R.24 10 1127 R.25		11 0310		TO TO THE BOD TOTAL
10 1127 R.25	MUDINION OF TOOL O CHEO			

Date:10/02/88

Input/Output SCM 2840 CVS

Picture not available at time of printing.

Service sheet DATE: 12/09/89 76 13306

SIT.	ITEM NO.	DESCRIPTION
PC	71 5765	PC 40 PAN CONT I/O AC 761330
	76 1330A 76 13306D	UN.PAN CONT I/O DCD2240AC UN.PAN CONT I/O SCM2840 CVS
C2	11 1190	CAP ELRABI 10M V 40 CAP ELAX 100M T 40 CAP NPO MI 82P J5 63
P.42 P.43	10 7167 10 7167	POTMETER CARV 4K7 M 0W20
Q1 Q2	13 14295 13 14181	TSTR BC549B, TSTR BC559B,BC309B
R2 R3 R4 R5 R6 R7 R8 R.30 R.36 R.40 R.66	10 1124 10 1164 10 1156 10 1136 10 1132 10 1128 10 1122 10 11231 10 1235 10 1143 10 1137	RES CFFUL 100E J 0W25 RES CF 100E J 0W25 RES CF 220K J 0W25 RES CF 47K J 0W25 RES CF 1K J 0W25 RES CF 470E J 0W25 RES CF 220E J 0W25 RES CF 68E J 0W25 RES CF 75E J 0W25 RES CF 820E J 0W25 RES CF 820E J 0W50 RES CF 3K9 J 0W25 RES CF 1K2 J 0W25 RES CF 1K2 J 0W25 RES CF 4K7 J 0W25
0011 002. 0021 004. 0041 0042 0043 006. 0061 007. 0112 013. 021. 0211	31 3594 31 3545 36 7455 31 3140 72 1684 72 1685 80 0762 32 4175 36 2101 80 2117 34 8019 32 4127 31 30973 36 1914 36 7502 36 6102	CONN EDGE FBT P12 2,5 CONN EDGE FBT P13 2,5 CONN PERI FBS P21 RIVET AL FE TAP/D/BS46 D3,2 CONN BNC FCT P 1 50E R S CONN BNC ISOL SPACER ISOLSPACER BNC 40 SOLDERLUG SCREW 1TAG D9,8 L24 SWITCH SLIDE 2U TAGS FIX 19MM SCREW DIN7985 M 2 X 4 MP+ DPL CSB SCM2840 CVS I/O WIRE TIE L100 SWITCH SLIDE 4A CONN MAINS MCT A 3 PMF SCREW DIN965 M 3 X10 MC+ WASHER DIN6798 A 3,2 NUT DIN934 M 3 HEXAGONAL CONN DE09 FBS P 9

Input/Output SCM 2840 CVS

0220 36 7435 RIVET AL AL AD34ABS D2,4
0221 80 0893X CONN D SCREWLOCK L11
0222 36 7502 WASHER DIN6798 A 3,2
0223 36 6102 NUT DIN934 M 3 HEXAGONAL
0232 36 3602 SCREW DIN7981 2,9X 9,5 MP+C
0233 72 1795 KNOB PUSH RED DCD2740
0234 72 1834 KNOB CENTER DCD2740
0235 36 3511 SCREW DIN7971 2,2X 9,5 MP-C
8100 34 8100 JUMPER 0,6 M AUTOMAT
8100 34 8100 JUMPER 0,6 M AUTOMAT

Parts Listing -2 DATE: 12/09/89 76 13306

I/O BOARD 76 13306

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the decoder board for a voltage of R=5,6V, G=6,5V and B=7,9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the decoder board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct aldjustment is obtained.

Date: 31/05/91

INPUT PCM 76 1643

76 1643

IT.	ITEM NUMBER	DESCRIPTION		ITEM NUMBER	DESCRIPTION
	76 1602S	UN I/O MN 40 OCM28 SVHS SUB	R.20	10 37128	R WWFH 4E7 J 1W5
	76 16023	0.0 270 12. 10 00.20	R.21	10 1335	R CF 820E J 1W
,	11 1680	C ELRABI 10M V 40	R.22	10 1224	R CF 100E J 0W5
	11 1190	C ELAX 100M T 40	R.23	10 1160	R CF 100K J 0W25
	11 22415	C NPO MI 82P J5 63	R.24	10 1100	R CF 1E J 0W25
	11 1159	C ELAX 47M T 25	R.25	10 1127	R CF 180E J 0W25
		C ELAX 4M7 2 40	R.30	10 11231	R CF 75E J 0W25
	11 1184	C POMEFF 100K K 100	R.35	10 1140	R CF 2K2 J 0W25
		C POMEFF 100K E 100	R.36	10 1135	R CF 820E J 0W25
	11 4100	C ELAX 100M T 16	R.40	10 1144	R CF 4K7 J 0W25
	11 1147	C CE DI 6K8 S 400	R. 66	10 1137	R CF 1K2 J 0W25
	11 2835	C CE DI 1K5 S 400	R. 67	10 1144	R CF 4K7 J 0W25
	11 2827	C ELAX 100M T 16	R.70	10 1117	R CF 27E J 0W25
	11 1147	C ELAX 470M T 16	R.71	10 1120	R CF 47E J 0W25
	11 1149	C POMEFF 100K K 100			
	11 4100	C ELAX 47M T 25		76 1643D	UN INP MN 40 PCM21 SVHS
	11 1159	C ELAX 1000M T 25			
	11 1164	C ELAX 10M Z 25	001.	31 3575	J EDGE FBT P12 2,5
	11 11565	C ELPRMI 22M M5 35		31 38545	J M-DIN MCT P 7 TAGS SVHS
	11 1532	C CE MI 2K2 K5 63		31 3545	J PERI FBS P21
.30	11 2743	C CE HI ZRZ RS CO		31 3138	J HONDA FBT F 8
		E 1N4001 50V/1A	004.	31 3140	J BNC FCT P 1 50E SHORT
		D 184001 50V/1A		32 4175	SWITCH SLIDE 2U T T MFS KNITT
.21	13 1644	D IMMOOT SOVIEW		31 3547	J MT MBS F 2 2,5 BLA
		U 120U TBA FM IF AMP DEMOD		31 3594	J EDGE FBT P13 2,5
	13 2190	U 810S TBA 7W AUD AMP		31 31022	J CINCH FBT P 1 TAG
. 20	13 2744	0 6102 184 14 405 111		36 7455	RIVET P AL FE TAP/D/BS46 D3,2
_	21.5255	PCB MN 40 P_CTRL I/O AC SLOTT		31 3132	J XLR MCT P 3 AUD
Ç.,	71 57655	FCB AM 40 F CIRD 170 AM DECI-		36 2101	SCREW DIN7985 M 2 X 4 MP+
		Q BC549B N 30 / 0A1	025.	31 30973	J MAINS MCT A 3 PMF
	13 14295	0 BC559B P 30 / 0A1	0041	72 1684	J BNC SPACER F BLA 03
2	13 14181	8 2000/2 E 20 1 AUT		72 1685	J BNC SPACER R BLA 01
		R CFF 100E J 0W25	0043		SOLDERLUG SCREW 1TAG D9,8 L24
	10 11249	R CFF 100E J 0W25 R CF 100E J 0W25		36 2101	SCREW DIN7985 M 2 X 4 MP+
	10 1124	N OF THE PERSON		34 8019	WIRE TIE L100
	10 1164		0210		J XLR FCT P 3 AUD
	10 1156			36 7454	RIVET P AL FE TAP/D/BS44 D3,2
	10 1136		0251		SCREW DIN965 M 3 X10 MC+
	10 1132			36 7502	WASHER DIN6798 A 3,2
	10 1126			36 6102	NUT DIN934 M 3 HEXAGON
	10 1122		8100		WIRE JUMPER 0,6 M AUTOM
	10 11309			34 81082	WIRE JUMPER ISO M 22,5
	10 1147		7100	34 4031	UN WIRE MN 40 PCM21
	10 1140	20 00		80 4053	NPL MN 40 PCM21/28 I/O
	10 1144	R CF 4K7 J 0W25 R CF 1K5 J 0W25			

SUBUNIT SVHS

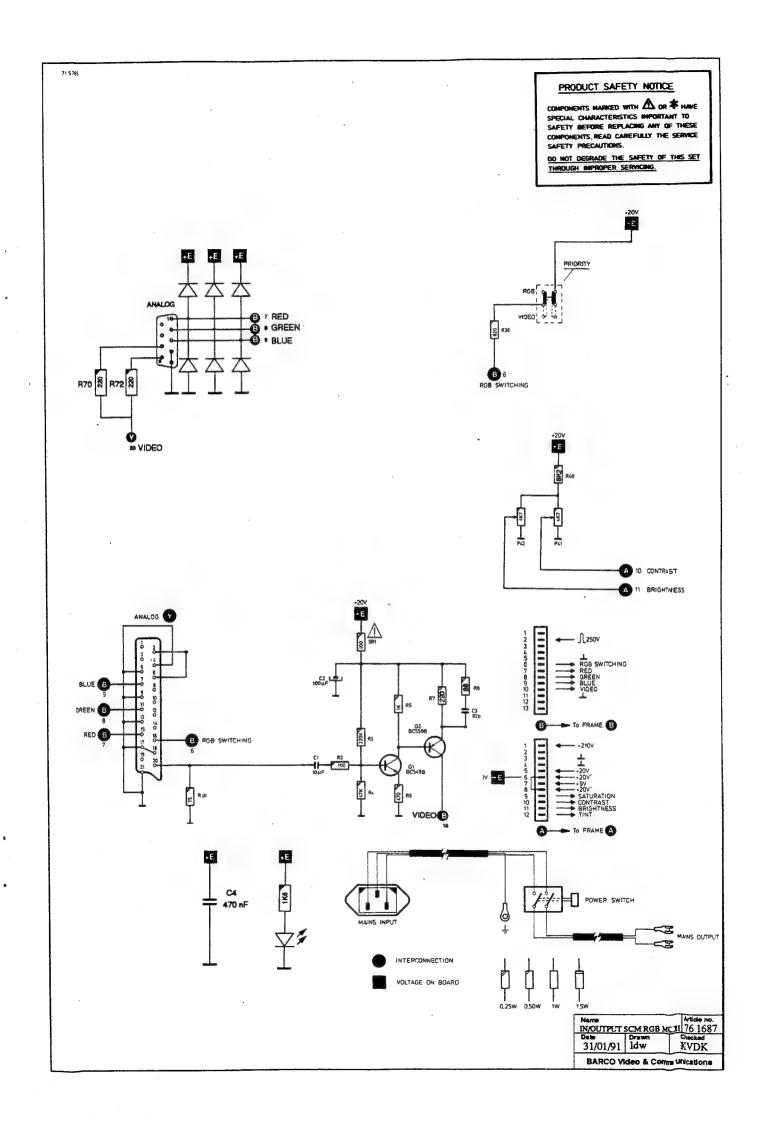
INPUT PCM

76 1602S

SIT.	ITEM NUMBER	DESCRIPTION	SIT.	ITEM NUMBER	DESCRIPTION
PC	71 6577	PCB TV 40 PAN CONT SUB 761602S	001.	31 3851	J M-DIN FBS P 4 SVHS
	76 1602SD	UN I/O MN 40 OCM28 SVHS SUB	003.	80 2376 36 7434	FIX MN 40 OCM28 PC SVRS CSB RIVET P AL AL AD32ABS D2.4

PARTS LISTING Date: 31/05/91 76 1643

I/O SCM 2840 RGB



I/O BOARD 76 1687

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of the gain potmeters on the decoder board.

- Set the contrast potentiometer in its maximum position.
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the RGB decoder board for a voltage of R=5,6V, G=6,5V and B=7,9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor
- Set up the gain potentiometers P4 (red), P2 (green) and P3 (blue) on the RGB decoder board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

I/O SCM 2840 RGB

SIT.	ITEM NUMBER	DESCRIPTION
c 1	11 1680	C ELRABI 10M V 40 C ELAX 100M T 40
	11 1190	C ELAX 100M T 40 C NPO MI 82P J5 63 C POMEFF 470K K5 63
	11 22415	C NPO MI 82P J5 63
C	11 22415 11 3732	C POMEFF 470K K5 63
C	11 3/32	D 1N4148 SWITCH
n 1	13 1621	D 1N4148 SWITCH
D	13 1621 13 1621 13 1621 13 1621 13 1621	D 1N4148 SWITCH
D 2	13 1621	D 1N4148 SWITCH
D	13 1621	D 1N4148 SWITCH
D 4	13 1621	D 1N4148 SWITCH
D3	13 1621	D 1N4148 SWITCH
D6	13 1621	D IMPIGO SWITCH
	16 21 62	R P CARVM 4K7 HA 0W2 500
P.41	10 7167 10 7167	R P CARVM 4K7 MA ON2 500
P.42	10 7167	R P CARVA 4R/ MA UWZ 300
	21 1211	PCB MN 40 P_CTRL I/O AC 761330
PC	71 5765	PUB HER AU F_CIRE 170 NC 101330
	10 04005	0 DOS 40D N 20 / 033
0	13 14295	Q BC549B N 30 / 0Al Q BC559B P 30 / 0Al
Q2	73 74707	G BC333B E 30 / AVT
	10 11249	n cer 1000 T 0W25
R1	10 11249	n ce 1005 5 0#45
K2	10 1124 .	R CF 100E 5 0W25
R3	10 1164	R CF 220K 5 0W25
R4	10 1156	R CF 4/K J 0W25
R 5	10 1136	R CF IR 3 0W25
R.,6	10 1132	R CF 470E J 0W25
R7	10 1136 10 1132 10 1128	R CF 220E J 0W25
	10 1122	R CF 68E J 0W25
R.30	10 11231	R CF 75E J 0W25
R.36	10 1235	R CF 820E J 0W5
R.40	10 1147	R CF 8K2 J OW25
R.70	10 1129	R CF 270E J 0W25
R.72	10 11231 10 1235 10 1147 10 1129 10 1129	R CFF 100E J 0W25 R CF 100E J 0W25 R CF 120R J 0W25 R CF 220R J 0W25 R CF 1R J 0W25 R CF 1R J 0W25 R CF 470E J 0W25 R CF 470E J 0W25 R CF 68E J 0W25 R CF 68E J 0W25 R CF 820E J 0W5 R CF 820E J 0W5 R CF 820E J 0W5 R CF 820E J 0W25 R CF 820E J 0W25 R CF 870E J 0W25 R CF 270E J 0W25
	76 1687D	UN I/O MN 40 SCM28 RGB MK2
001.	31 3575	J EDGE FBT P12 2,5
0011	31 3594	J EDGE FBT P13 2,5
002.	31 3545	J PERI FBS P21
0021	36 7455	RIVET P AL FE TAP/D/BS46 D3,2
003.	31 30973	J HAINS MCT A 3 PMF
0031	36 1914	SCREW DIN965 M 3 X10 MC+
0032	36 7502	WASHER DIN6798 A 3,2
0033	36 6102	NUT DIN934 M 3 HEXAGON
005.	32 4715	SWITCH F 2A MAINS
0051	72 1696	ISOL TV 40 SWITCH CS40
0052	36 3602	SCREW DIN7981 2,9X 9,5 MP+C
0053	72 1795	KNOB PUSH RED DCD2740
0054	72 1834	KNOB TURN CENTER DCD2740
0055	36 3511	SCREW DIN7971 2,2X 9,5 MP-C
0056	36 3510	SCREW DIN7971 2,2X 6,5 MP-C
007.	80 2841	DPL MN 40 SCM28 RGB MK2
008.	31 35011	J DEO9 FBS P 9
0081	7502	WASHER DIN6798 A 3,2
0082	36 7435	RIVET # AL AL AD34ABS D2.4
0083	#0 0893X	J D LOCK SCR M 3
0003	36 7502	WASHER DIN6798 A 3.2
0004	36 61026	WIT DINGSA M 3 REYACON
0003	12 1640	N TEN DS HOLDER
007.	13 1664	D 120 D5 D2D
0091	13 1004	D APP 1 PA T ANGE
0092	10 1139	K CL IVS 2 AUGUS
8100	34 8100	WIRE JUMPER U, & M AUTOM
8100	34 8100	J EDGE FBT P12 2,5 J EDGE FBT P13 2,5 J PERI FBS P21 RIVET P AL FE TAP/D/BS46 D3,2 J MAINS MCT A 3 PMF SCREW DIN955 M 3 X10 MC+ WASHER DIN6798 A 3,2 MUT DIN934 M 3 HEXAGON SWITCH F 2A MAINS ISOL TV 40 SWITCH CS40 SCREW DIN7981 2,9X 9,5 MP+C KNOB FUSH RED DCD2740 KNOB TURN CENTER DCD2740 KNOB TURN CENTER DCD2740 SCREW DIN7971 2,2X 9,5 MP-C SCREW DIN7971 2,2X 9,5 MP-C DFL MN 40 SCM28 RGB MK2 J DE09 FBS P 9 WASHER DIN6798 A 3,2 RIVET F AL AL AD34ABS D2,4 J D LOCK SCR M 3 WASHER DIN6798 A 3,2 NUT DIN934 M 3 REXAGON D LED D5 RED R CF IRE J 0W25 WIRE JUMPER 0,6 M AUTOM WIRE JUMPER 0,6 M AUTOM

PARTS LISTING Date: 31/05/91 76 1687

I/O BOARD 76 1939

SERVICE SHEET Date: 31/05/91 76 1939

I/O BOARD 76 1939

Remark: For these adjustments a colour analyser is needed.

1. Brightness and contrast adjustment

Lowlights adjustment:

Feed the monitor with an RGB input signal having a 100 mV peak level on each colour. Adjust the brightness (P42) to get 2 nit light output.

Highlights adjustment:

Connect an RGB input signal having a 700 mV peak level on each colour to the monitor. Adjust the contrast (P41) to get a 300 nit light output.

Readjust lowlights and highlights in sequence. This has to be done because of the influence of brightness and contrast adjustment on each other.

2. Colour temperature adjustment

The colour temperature adjustment has to be done by means of six multiturn potmeters. The multiturns for red, green and blue under the colour temperature switch are selected for 8000 K, the ones above this switch for 3200 K. Putting the switch to the right will make the monitor choose the 8000 K colour temperature, putting the switch to the left will select the 3200°K colour temperature.

- Set the contrast potentiometer in its maximum position.
- Put the colour temperature switch in the right position (8000K).
- Set the presets P1, P2 and P3 on the ABL unit (board 76 1680) in maximum position.
- Preadjust the multiturns for red (P1), green (P2) and blue (P3) on the I/O board for a voltage of R=5,6V, G=6,5V and B=7,9V) on their sliders.
- Select a 10% white video picture.
- Measure the values for red, green and blue on the colour analyser. Consider the lowest value as reference and adjust the two other presets (on the ABL unit) to become the same value.
- Adjust the brightness (P42) to get a light output of 2 nit.
- Connect a 1Vpp 100% white video signal to the monitor.
- Set up the multiturns for red (P1), green (P2) and blue (P3) on the I/O board to get a light output of 300 nit with a colour temperature of 8000K.
- Repeat the brightness and colour temperature adjustment in sequence as described above until correct adjustment is obtained.

- Put the colour temperature switch in the left position (3200K).
- Connect a 1Vpp 100% white video signal to the monitor
- Preadjust the multitums for red (P4), green (P5) and blue (P6) on the I/O board for a voltage of R=7,5V, G=4,7V and B=0,6V.
- Set up the multitums for red (P4), green (P5) and blue (P6) on the I/O board to get a light output of 250 nit with a colour temperature of 3200K.

I/O BOARD

		· .			
				ITEM NUMBER	DESCRIPTION
	ITEM NUMBER	DESCRIPTION	511.	TIEM HONDER	
			n 64	10 1138	R CF 1KS J OW25
	76 1492S	UN I/O MN 40 SCM28 VIDEO-WALL UN SW WH MN 40 SCM CTRL6		10 1148	R CF 10K J 0W25
	76 1940	UN SW WH MN 40 SCH CIRLS		10 1148	R CF 10K J 0W25
c 1	11 1680	C ELRABI 10M V 40	R.60		N CL CLIN TO ANYOR
	11 1190	C ELAX 100M T 40		10 1159 10 1159	R CF 82K J 0W25 R CF 82K J 0W25
	11 22415	C NPO MI 82P J5 63 C ELAX 47M T 25	R. 63		R CF 22K J OW25
	11 1159 11 1184	C ELAX 47M T 25 E ELAX 4M7 2 40	R. 64	10 1152	R CF 22K J 0W25
C.11	11 4100	C POMEFF 100K K 100		10 1152	R CF 22K J 0W25 R CF 1K2 J 0W25
	11 4100	C POMEFF 100K K 100		10 1137	R CF 4K7 J OW25
C.20	11 1147	C ELAX 100M T 16	2.0.	10 1129	R CF 270E J 0W25
	11 2835 11 2827	C CE DI 6K8 S 400		10 1129	R CF 270E J 0W25 R CF 1K8 J 0W25
C.23	11 1147	E ELAX 100M T 16		10 1139	R CF 1K8 J 0W25 R CF 75E J 0W25
	11 1149	C ELAX 470M T 16		10 11231	•
C.25		C POMEFF 100K K 100 C ELAX 47M T 25		76 1687D	UN I/O MN 40 SCM28 RGB MK2
	11 1159 11 1164	C ELAX 1000H T 25		76 1939D	UN I/O MN 40 RGB ANA VID
	11 11565	C ELAX 10M Z 25		. 31 3575	J EDGE FBT P12 2,5
	11 1532	C ELPRMI 22M M5 35		1 31 3594	J EDGE FBT P13 2,5
	11 2743	C CE MI 2K2 KS 63	002		J PERI FBS P21
D 20	13 1644	D 1N4001 50V/1A		36 7455	RIVET # AL FE TAP/D/BS46 D3,2
	13 1644	D 1N4001 50V/1A		. 13 1649	D LED DS HOLDER D LED DS RED
	13 1621	D 1N4148 SWITCH	003	1 13 1664 . 31 3140	J BNC FCT P 1 50E SHORT
	13 1621	D 1N4148 SWITCH D 1N4148 SWITCH		1 72 1684	J BNC SPACER F BLA 01
D.24	13 1621	D IMPIGE	004		J BNC SPACER R BLA 01 SOLDERLUG SCREW 1TAG D9,8 L24
1.10	13 2190	U 120U TBA FM IF AMP DEMOD	004		SWITCH SLIDE 2U T T MFS KNITT
1.20		U 810S TBA 7W AUD AMP	006 006		SCREW DIN7985 M 2 X 4 MP+
		R P CARVM 4K7 MA 0W2 500	007		DPL MN 40 CSB SCM28 HEUVELMAN
	10 7167 10 7167	R P CARVM 4K7 MA OW2 500	00\$		J MT MBS F 2 2,5 BLA SWITCH F 2A MAINS
-	10 7167	R P CARVM 4K7 MA 0W2 500	010		ISOL TV 40 SWITCH CS40
P.43		R P CARVM 4K7 MA 0W2 500 R P CARVM 4K7 MA 0W2 500	010 010		SCREW DIN7981 2,9X 9,5 MP+C
P.44	10 7167	R P CARVM 4K7 MA 0W2 500	010		KNOB PUSH RED DCD2740
PC.	71 5765	PCB MN 40 P_CTRL I/O AC 761330	010		KNOB TURN CENTER DCD2740 SCREW DIN7971 2,2X 9,5 MP-C
			010 010		SCREW DIN7971 2,2X 6,5 MP-C
	13 14295	© BC549B N 30 / OAl O BC559B P 30 / OAl	011		WIRE TIE L100
	2 13 14181	Q BC559B P 30 / 0A1 Q BC559B P 30 / 0A1	012		J DE09 FBS P 9
0	3 13 14181 4 13 14181	Q BC559B P 30 / 0A1	012		J D LOCK SCR H 3 RIVET P AL AL AD34ABS D2,4
Q :		D BC559B P 30 / 0A1	012 014	22 36 7435 1. 31 31321	J XLR FCT # 3 AUD
-	6 13 1491	Q BSX20,2369 N 15 / 0A2 O BSX20,2369 N 15 / 0A2		0 31 3132	J XLR MCT P 3 AUD
0		Q BSX20,2369 N 15 / 0A2 Q BSX20,2369 N 15 / 0A2	014	1 36 19145	SCREW DIN965 M 3 X10 MC+
Q		Q BSX20,2369 N 15 / 0A2		12 36 7502	WASHER DIN6798 A 3,2 J PIN MBT D 0,8
0.1		Q BSX20,2369 N 15 / 0A2	01:	5. 31 3251 0. 72 2065	KNOB TRIMPOT RECTANGULAR OCM
		R CFF 100E J 0W25		1. 80 1412	SPACER L 8 H 5,5 M3 MS
R	1 10 11249	R CF 100E J 0W25 R CF 100E J 0W25		2. 32 47841	SWITCH F 6U SCREW DIN7985 M 3 X 6 MP+
R		R CF 220K J 0W25	02:		J MAINS MCT A 3 PMF
R.,		R CF 47K J 0W25		4. 31 30973 43 36 6102	NUT DIN934 M 3 HEXAGON
R		R CF 1K J 0W25 R CF 470E J 0W25		51 31 3276	J WAFER MBT P10 2,5
R	6 10 1132 7 10 1126	R CF 150E J 0W25		51 31 33921	J JUMP FMT F 2 2,5 SCREW DIN84 M 3 X 4 MP-
	8 10 1122	R CF 68E J 0W25		11 36 2020 21 72 1990	KNOB PUSH D BLA FST70
R.1	.0 10 11309	R CFF 330E J 0W25		22 80 0287	SPACER L13,5 D 5 M2,5 MS
	1 10 1147	R CF 8K2 J 0W25 R CF 2K2 J 0W25		23 36 20121	SCREW DIN84 M 2,5X 6 MP-
	12 10 1140 13 10 1144	R CF 4K7 J 0W25		41 36 1914	SCREW DIN965 M 3 X10 MC+ WASHER DIN6798 A 3,2
	14 10 1138	R CF 1K5 J 0W25		42 36 7502 43 36 6102	NUT DIN934 M 3 HEXAGON
	20 10 37128	R WWFH 4E7 J 1W5		00 34 8100	WIRE JUMPER 0,6 M AUTOM
	21 10 1335	R CF 820E J 1W R CF 100E J 0W5		31 3336	SPACER L 5,3 PCB
	22 10 1224 23 10 1160	R CF 100K J 0W25		71 23023	WASHER DIA 3,25% 7 T0,5 BAK ISOL TV 40 SWITCH CS40
	24 10 1100	R CF 1E J 0W25		72 1696	ISOL TV 40 SWITCH COAV
R.	25 10 1127	R CF 180E J 0W25			
	30 10 11231	R CF 75E J 0W25 R CF 270E J 0W25			
	31 10 1129 32 10 1129	R CF 270E J 0W25			
	33 10 1129	R CF 270E J 0W25			
R.	34 10 1129	R CF 270E J 0W25 R CF 2K2 J 0W25			
	35 10 1140 36 10 1235	R CF 2K2 J 0W25 R CF 820E J 0W5			
	40 10 1144	R CF 4K7 J 0W25			
R.	41 10 1140	R CF 2K2 J 0W25			
	42 10 1140	R CF 2K2 J 0W25 R CF 2K2 J 0W25			
	43 10 1140 44 10 1136	R CF 2K2 J 0W25 R CF 1K J 0W25			
	45 10 1136	R CF 1K J 0W25			
R.	46 10 1136	R CF 1K J 0W25			
	47 10 1136	R CF 1K J 0W25 R CF 1K J 0W25			
	48 10 1136	R CF 1K J 0W25 R CF 1K J 0W25			
	.49 10 1136 .50 10 1136	R CF 1K J 0W25			
R.	.51 10 1136	R CF 1K J 0W25			
	.52 10 1140	E CF 2K2 J 0W25			

76 1492S

SUBUNIT

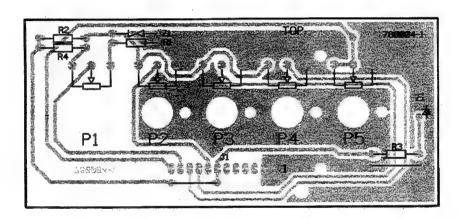
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.2 11 1680	C ELRABI 10M V 40	R2 10 1140	1		1K	3	0W25
.4 11 1680	C ELRABI 10M V 40	R3 10 1136	7		150E	J	0W25
.5 11 1531	C ELPRMI 10M M5 35	R4 10 1126	_		120E	J	0W25
.9 11 3724	POMEFF 100K K5 63	R5 10 1125	1		39K	J	OW25
	C N750MI 330P J5 E3	R6 10 1155	1	•	39E	J	0W25
	E ELPRMI 22M M5 25	R7 10 1119			6K1	-	0W25
	C POMEFF 220K K5 63	R8 10 1146		R CF	39E	J	0W25
.6 11 3728	C POMEFF 10K K5 100	R9 10 1119		R CF	39K	3	0W25
.7 11 37121	C ELPRMI 2M2 M5 50	R.10 10 1155		R CF		J	0W25
.8 11 1548	C SIM POLE	R.11 10 1125		R CF	120E		0W25
	D 1N4148 SWITCH	R.12 10 1140		R CF	2K2		0W25
.1 13 1621	D 1M4148 SWITCH	R.13 10 1152		E CF	22K	J	
.2 13 1621	E 41174 - 1	.R.14 10 1144		R CF	4K'		0W25
.3 13 1621	5 111111	R.15 10 1124		r cf	1002	J	0W25
.4 13 1621	D Alliano	R.16 10 1146		R CF	6K		0W25
.5 13 1621	D 1111111	R.17 10 1166		R CF	330K	J	0W25
.6 13 1621	D 1M4148 SWITCH	R.18 10 1146		R CF	6K	8 J	0W25
		R.19 10 1152		R CF	22K	J	0W25
71 6476	PCB MN EM I CTRL I/O 761492S	R.20 10 1144		R CF	4K	7 J	QW25
		R.21 10 1140		R CF	2K	2 J	0W25
1 13 1429	Q BC549B N 30 / 0Al	R.22 10 1130		R CF	330E	J	OW25
.2 13 1418	Q BC559B P 30 / 0A1	R.22 10 1134					
3 13 1418	Q BC559B P 30 / 0A1			D ZENER	3V9	OW5	С
4 13 1418	G BC559B P 30 / 0A1	21 13 1757		~			
5 13 1418	Q BC559B P 30 / 0A1			IN T/O N	N 40 S	CH28	VIDEO-WALL
6 13 1429	O BC549B N 30 / 0A1	76 1492SD		4H 114 H			
7 13 1429	BC549B N 30 / 0A1			SPACER I	. 4 3		PC
13 1429	D BC549B N 30 / 0A1	31 3336		STACEK I	, 3,3		

UNIT SWITCH

_				
SIT.	ITEM NUMBER	DESCRIPTION	SIT. ITEM NUMBER	DESCRIPTION
C1	11 1159	C ELAX 47M T 25	PC 78 9004	PC MN 40 SW WHITE CTRL6 SCM
	10 75272	R M CEMV T 10K K 0W5	76 1482D	UN SWITCH TV 40 WHITE
P2	10 75272 10 75272 10 75272	R M CEMY T 10K K 0W5 R M CEMY T 10K K 0W5 R M CEMY T 10K K 0W5	001. 71 4943 002. 32 4197	SPACER RIV L10,75D 7 M3 AL SWITCH SLIDE 4U WIRE TIE L140
P5	10 75272	R M CEMV T 10K K OWS	34 8006	WIRE 115 DIVO

79 1649 CSB PCM 2140 79 1900

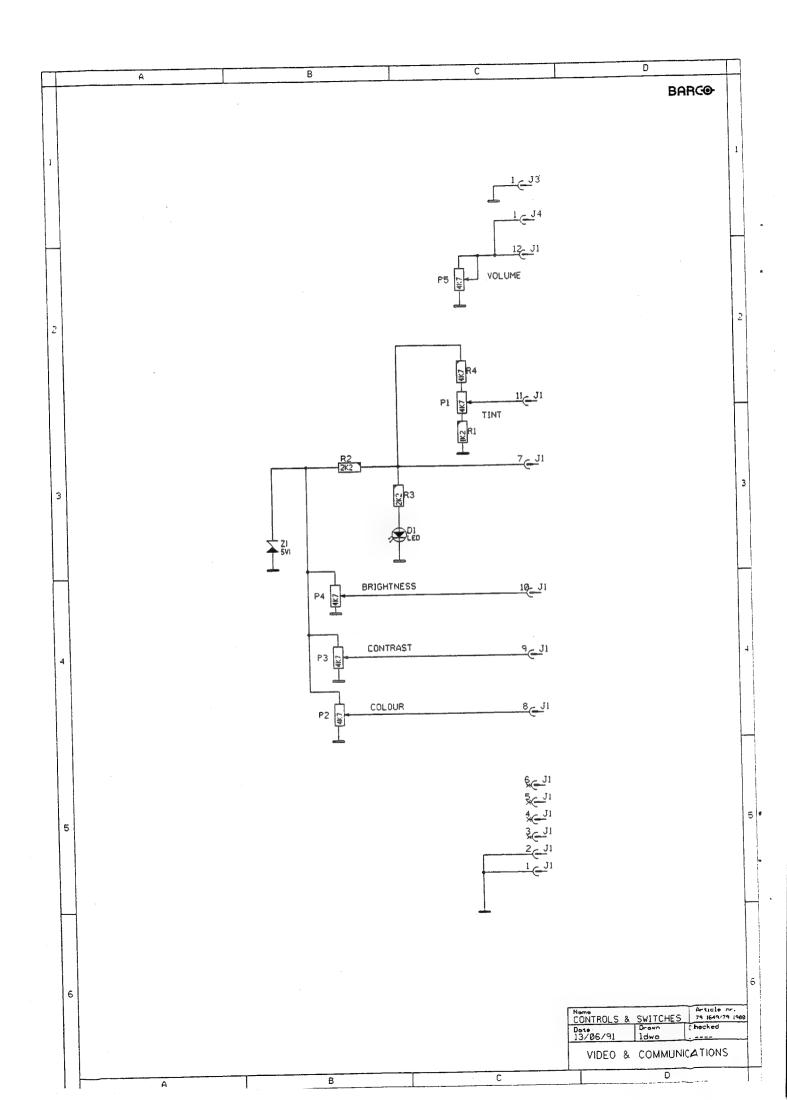
SERVICE SHEET Date: 31/05/91 79 1649 79 1900



Unit nos.:

- 79 164979 1900

Name		Article no.
CONTROL		
Date	Drawn	Checked
10/10/1991	RIP	RIP



CSB PCM 2140

	ITEM NUMBER	DESCRIPTION
P. 2	10 71305	R P CAMHD 4K7 MA 0W1 R P CAMHD 4K7 MA 0W1
D A	10 71305	R P CAMHD 4K7 MA 0W1 R P CAMHD 4K7 MA 0W1 R P CAMHD 4K7 MA 0W1
	, , , , , ,	PCB MN 40 OCM21 POT
R2 R3 R4	10 1140 10 1140 10 1143	R CF 1K2 J 0W25 R CF 2K2 J 0W25 R CF 2K2 J 0W25 R CF 3K9 J 0W25
z1		E ZENER 5V1 0W5 C UN CSB MN 40 PCM21
002. 003. 004. 005.	BU 2538 13 1662 35 70901 34 8006	DPL MN 40 PCM21 CSB PANEL DPL MN 40 OCM21 CSB D LED D3 RED KNOB TURN POTMETER MINIATURE WIRE TIE L140 SWITCH F 2A MAINS
0082	72 1895 72 2188	SCREW DIN7971 2,2% 6,5 MP-C CASE MN 40 HAINS SWITCH SCRFST KNOB MN 40 OCM21 RECTANGLE WIRE JUMPER 0,6 M AUTOM

CSB PCM 2840

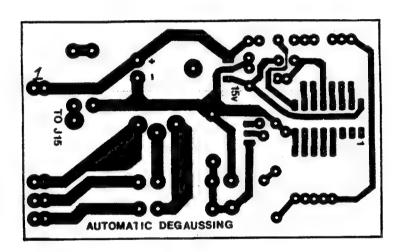
79 1900

SIT.	ITEM NUMBER	
P 1	10 71305	R F CAMHD 4K7 MA 0W1
P 2	10 71305	R P CAMED 4K7 MA DW1
P 3	10 71305	R P CAMED 4K7 MA 0W1
P4	10 71305	M P CAMHD 4K7 MA 0W1
P5	10 71305	R P CAMED 4K7 MA 0W1
с	78 0004	PCB MN 40 OCM21 POT
21	10 1137	R CF 1K2 J 0W25
	10 1140	R CF 2K2 J 0W25
	10 1140	R CF 2K2 J 0W25
	10 1143	R CF 3K9 J 0W25
21	13 1716	D ZENER 5V1 OWS C
	79 1649D	UN CSB MN 40 PCM21
001.	72 3000	DPL MN 40 PCM28 CSB PANEL
002.	MG 2538	DPL MN 40 OCM21 CSB
003.	13 1662	D LED D3 RED
004.		KNOB TURN POTMETER MINIATURE
005.	34 8006	WIRE TIE L140
008	32 4715	SWITCH F 2A MAINS
0083	36 35106	SCREW DIN7971 2,2X 6,5 MP-C
0082	72 1895	CASE MN 40 MAINS SWITCH SCREST
	72 2188	KNOB MN 40 OCM21 RECTANGLE
	34 8100	WIRE JUMPER 0,6 M AUTOM

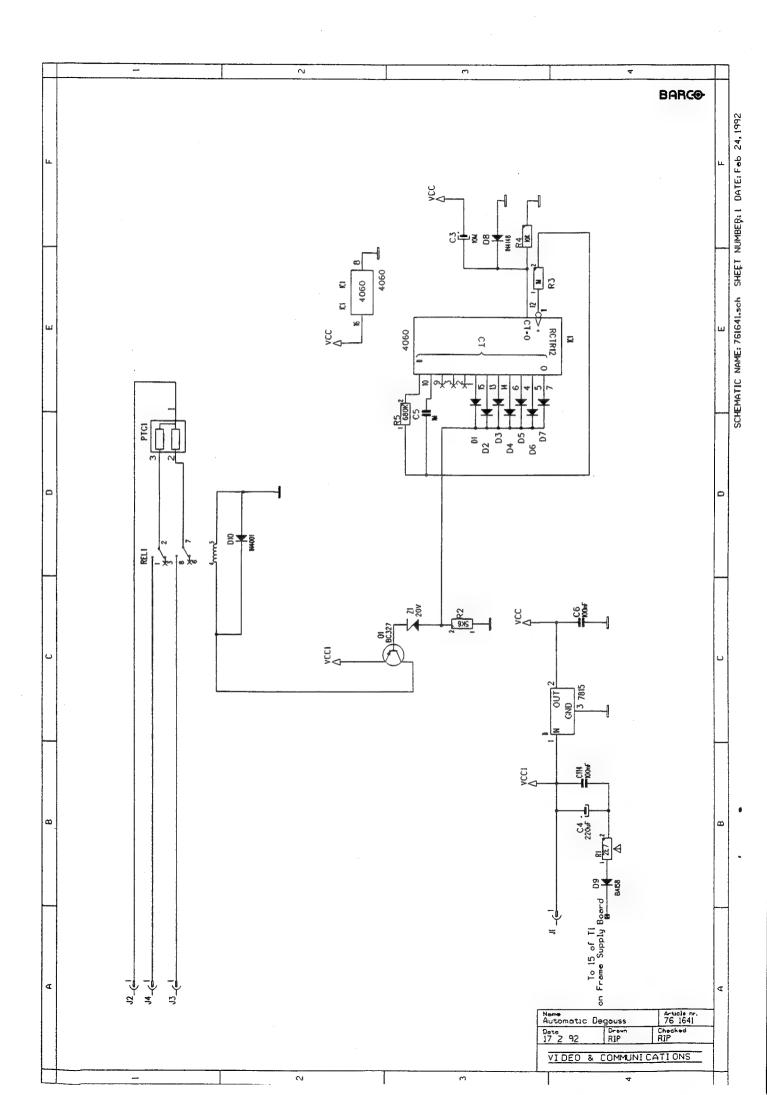
SIT. ITEM NUMBER DESCRIPTION

Date: 31/05/91

SERVICE SHEET Date: 10/12/91 76 1641



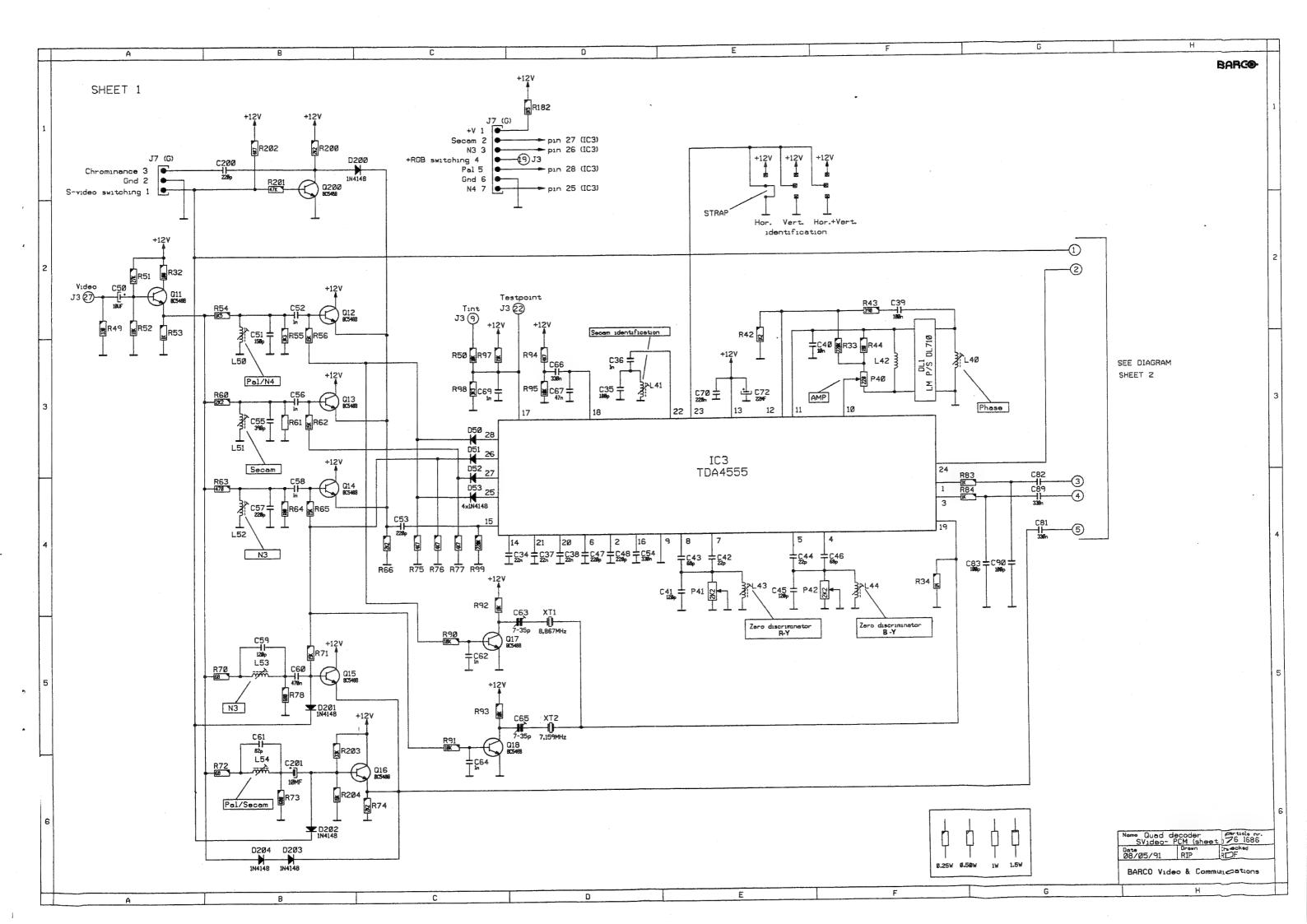
Name	Articile no.		
AUTOM	76 1641		
Date Drawn		Checked	
17/02/92 RIP		RIP	
Video & Communication≤			

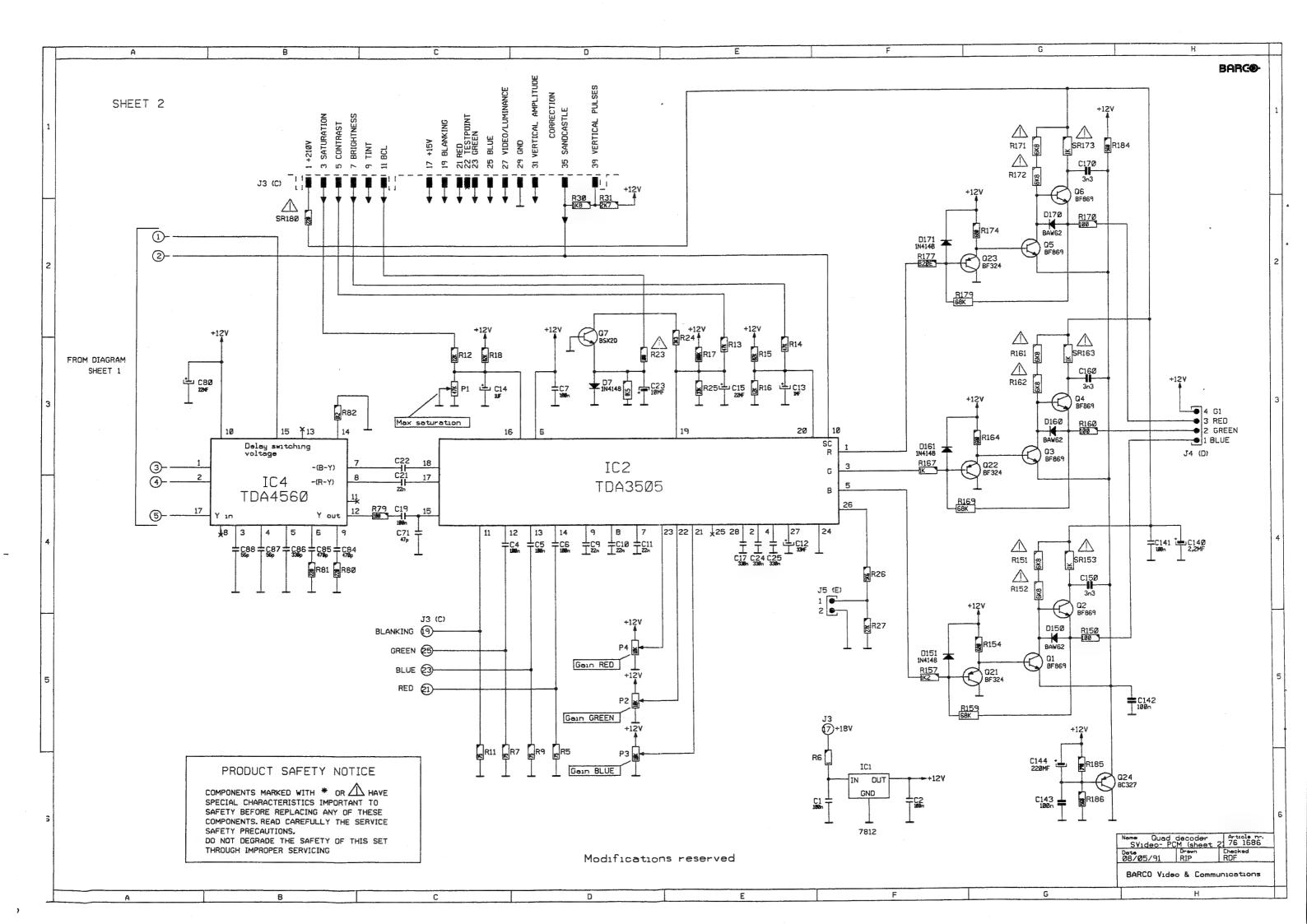


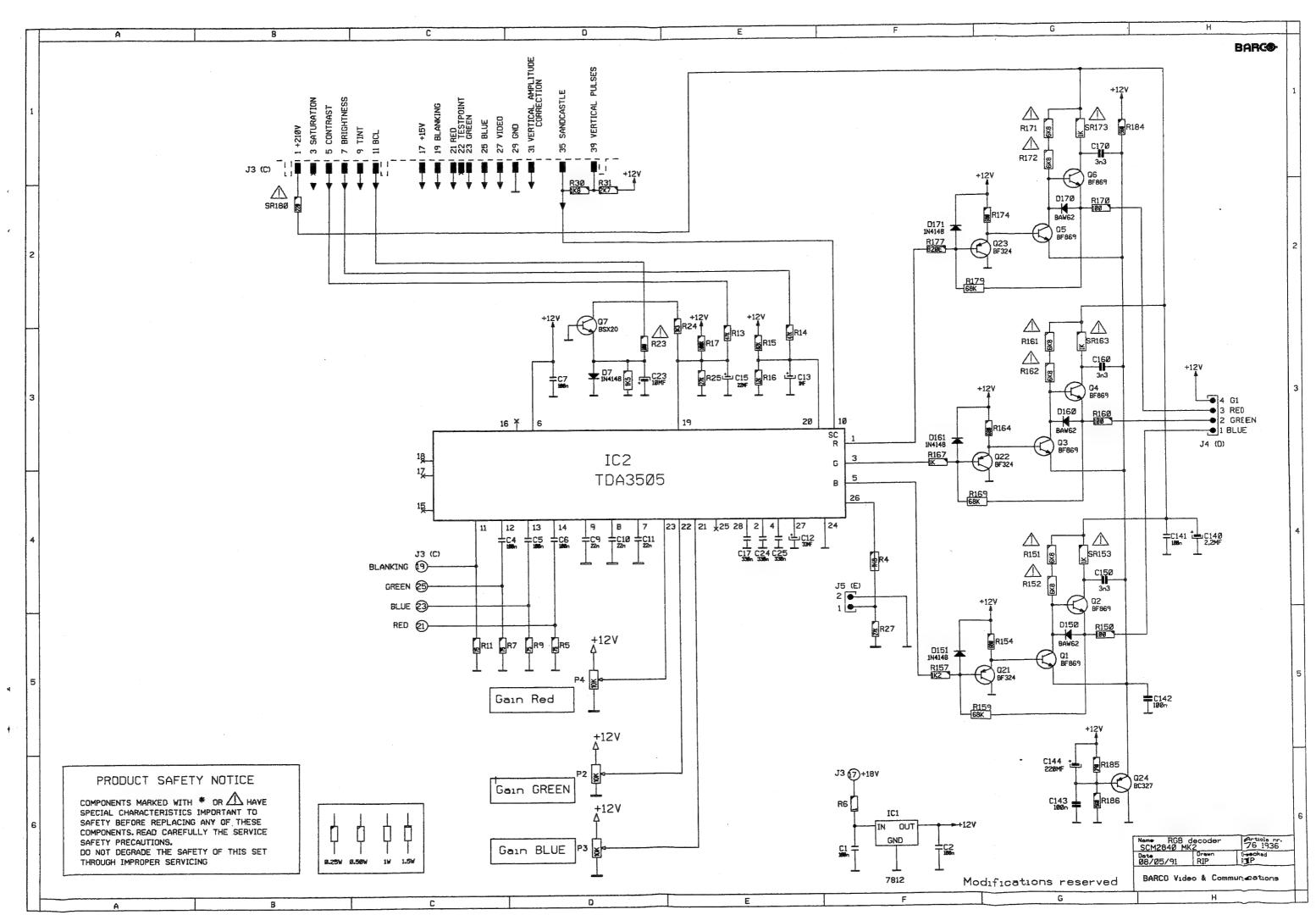
UNIT AUTOMATIC DEGAUSS

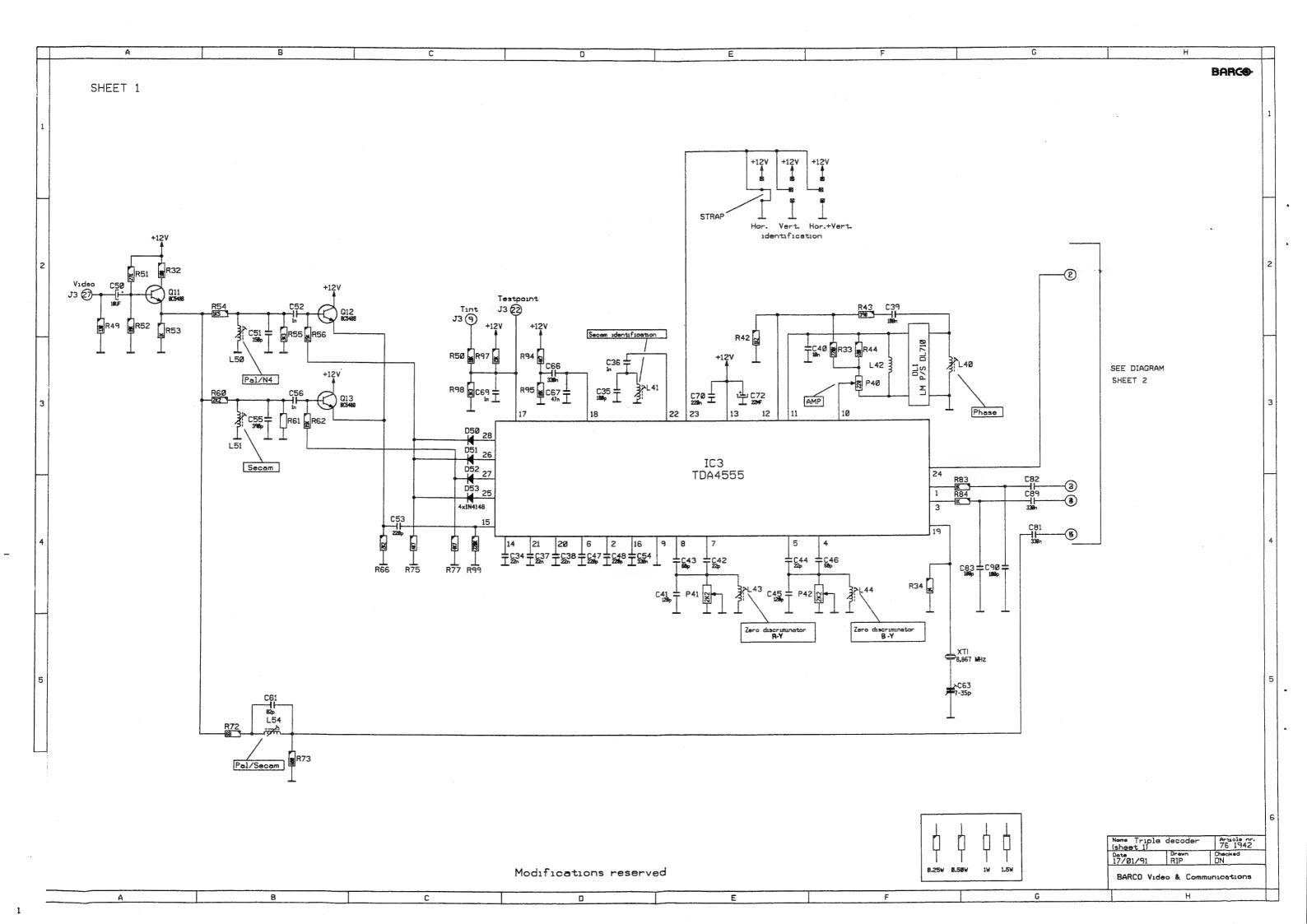
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c1	11 3724	E POMERA 100N K 63E2 E POMERA 330N K 63E2
C2	11 3730	E POMERA 330N K 63E2 C EL RA 10M M 35E2 C EL RA 220M Z 40E2 E POMERA 1M M 63E2
C 3	11 1531	C RT. RA 10M M 35R2
C 4	11 1498	C ET. DA 220M Z 40E2
0	11 1400	E DOWN 1M M 6323
ÇS	11 4090	C POREAR IN N 6352
D1	13 1621	D 1N4148 SW DO35 D 1N4148 SW DO35
D2	13 1621	D 1N4148 SW DO35
D3	13 1621	D 1N4148 SW DO35
D4	13 1621	D 1N4148 SW DO35
D 5	13 1621	D 1N4148 SW DO35
D 6	13 1621	D 194148 SW DO35
D	13 1621	5 1W4148 SW DO35
D/	13 1621	5 194149 SW DO35
D	13 1021	n naise ew
D9	13 1637	D DATE ON ONE C 203E
D.10	13 1/30	D 1N4148 SW DO35
I1	13 4010	U 7815 TO220 FSTAB U 4060 DIP16 PCOUNT
12	13 7610	U 4060 DIP16 PCOUNT
		PCB TV 40 PAT DEGAUSS 761641
PTC1	10 52096	R PTC 220V 662
		Q BC327 F SS TO92 045A5
R1	10 11059	R CFFH 2E7 J 0W25 SKS2 R CF H 5K6 J 0W25 R CF H 1M J 0W25 R CF H 10K J 0W25
R2	10 1145	R CF H 5K6 J OW25
R3	10 1172	R CF H 1M J 0W2S
R 4	10 1148	R CF H 10K J OW25
R5	10 1170	R CF H680K J 0W25
REL1	32 43231	RLY 24V 2U 880E CSA
21	13 1730	D ZEN 20V 0W5 C DO35
	31 3247	J UO.3 FBT P 16 R2,54
	31 3366	J CIS MBS F 1 L8.7 RL
	NO 0743	SPR RVT L29 D 7 M3 A
001.	36 19145	SPR RVT L29 D 7 M3 A SCR DIN965 M 3 X 10
002.	36 7502	WSHR DIN6798 A 3.2 F Z
1010	76 1573D	WSHR DIN6798 A 3,2 F Z UN RETARDED MN 40 SCM MK2
1010	14 73130	on manness and to our flow

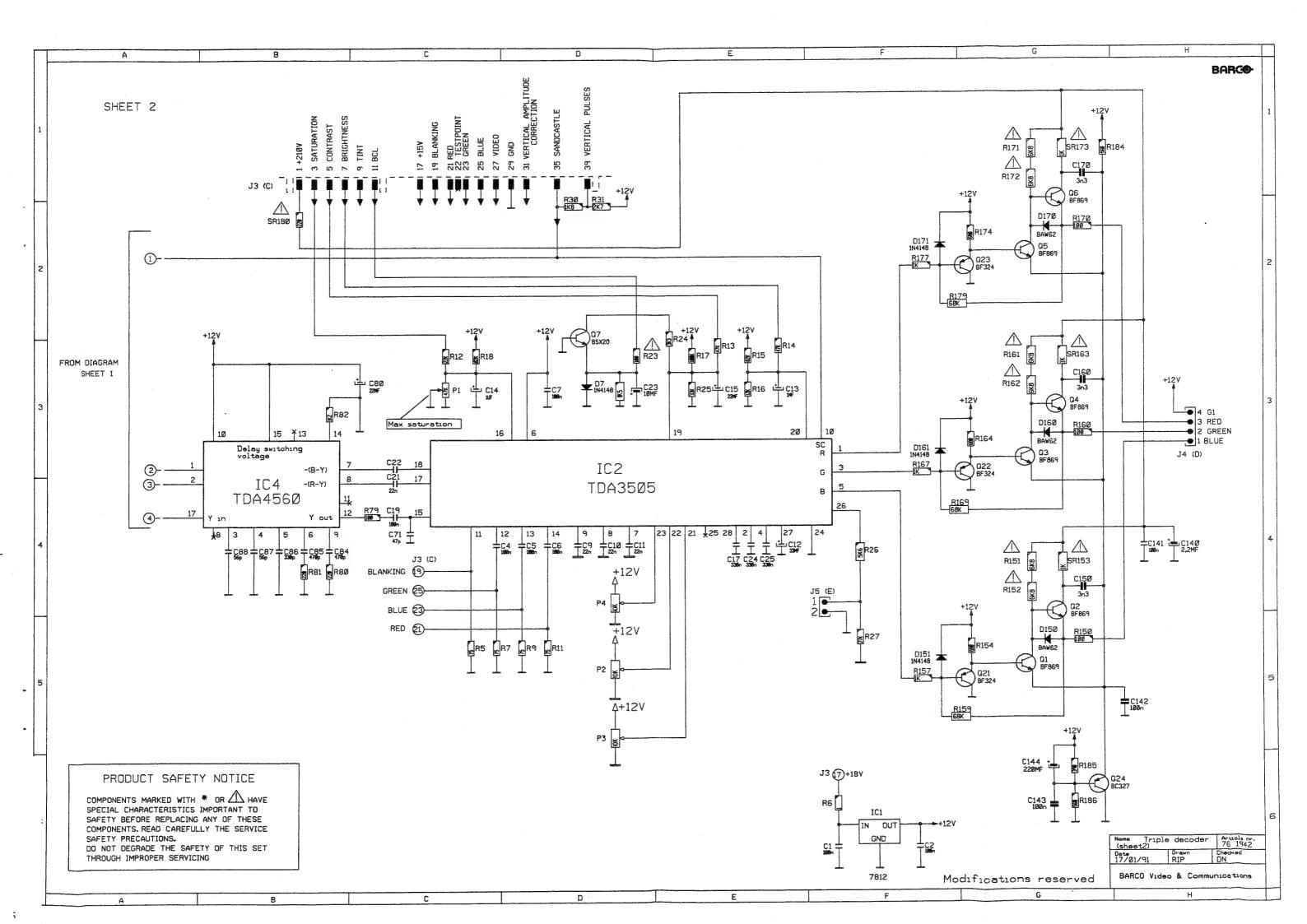
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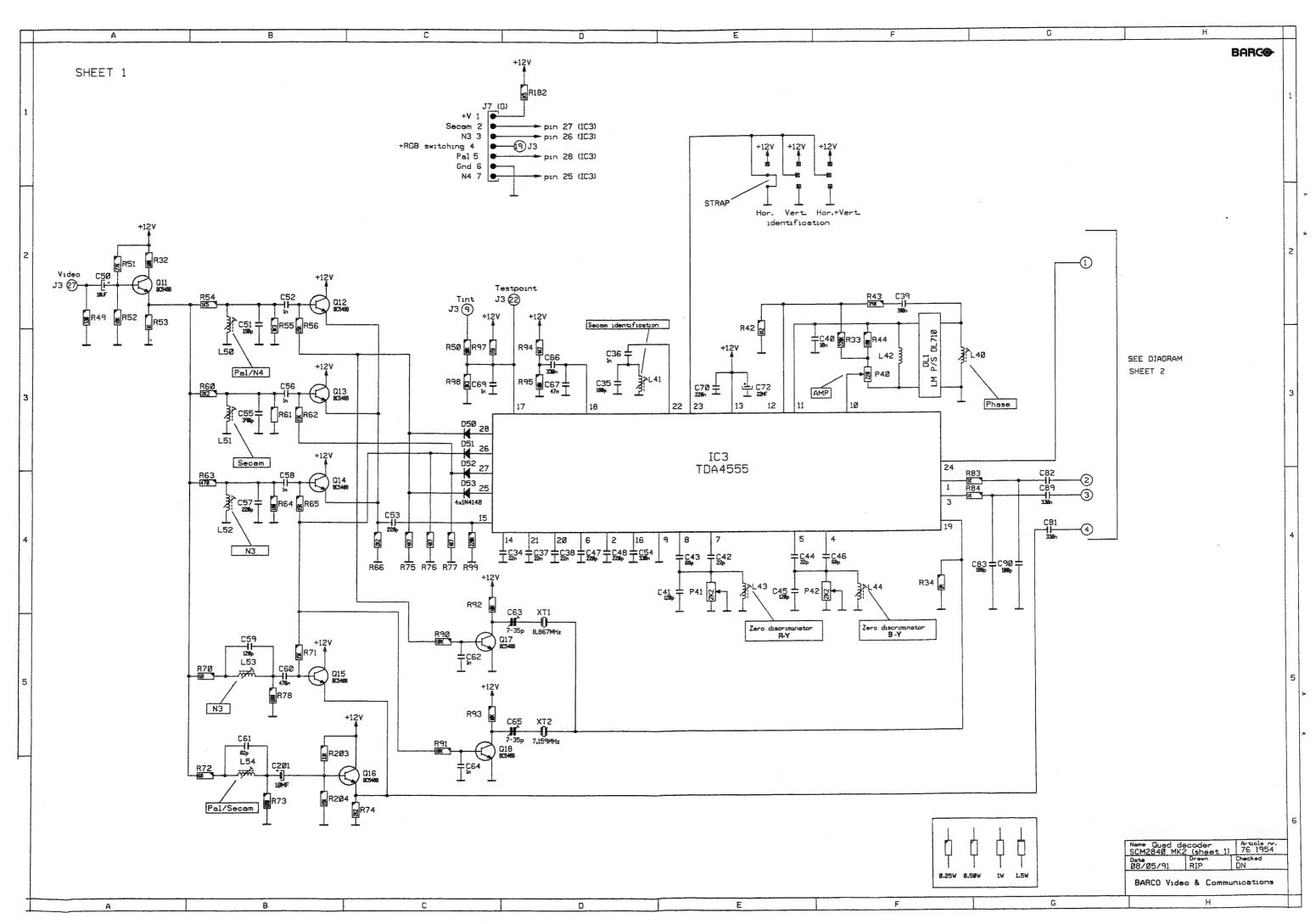


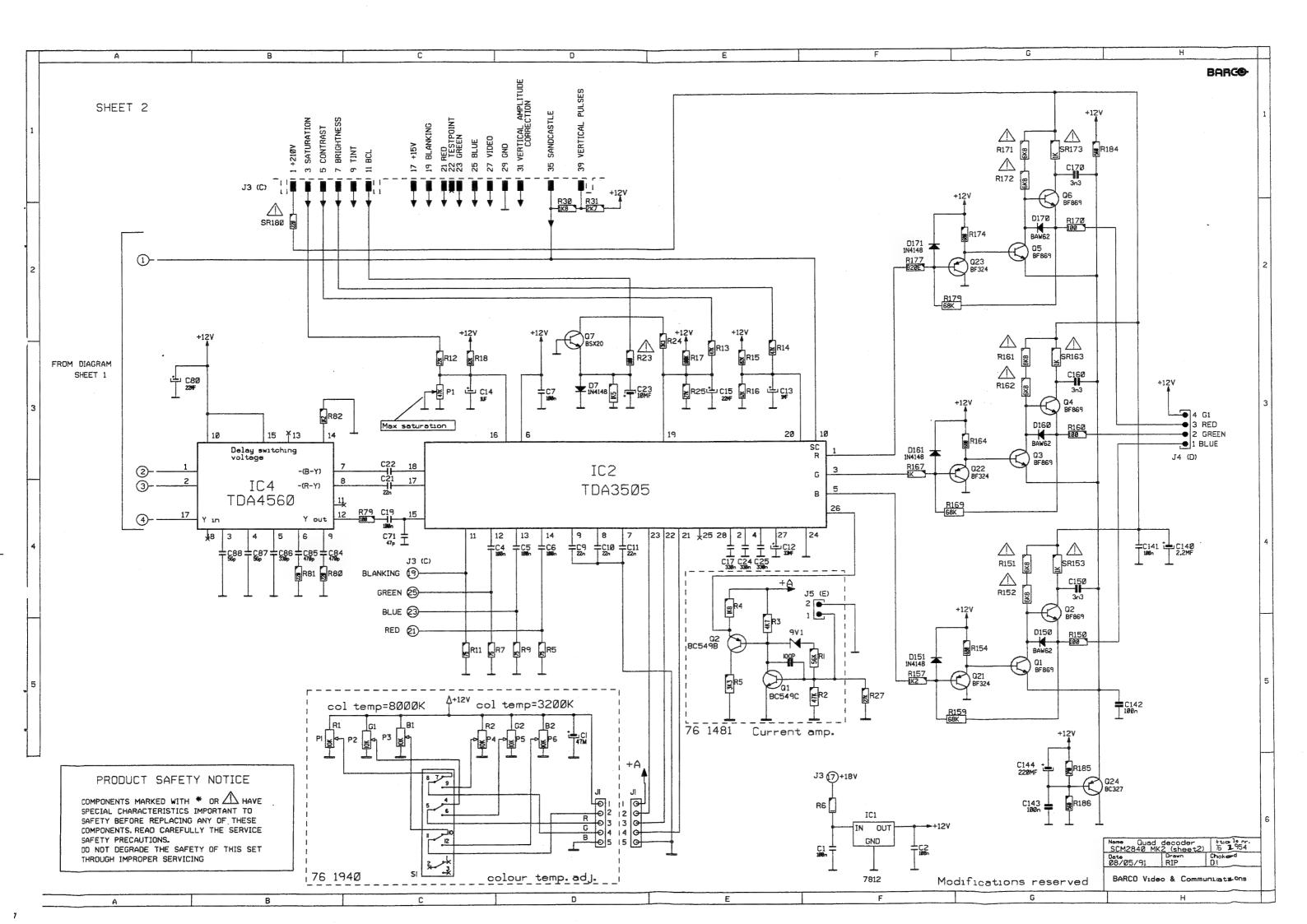


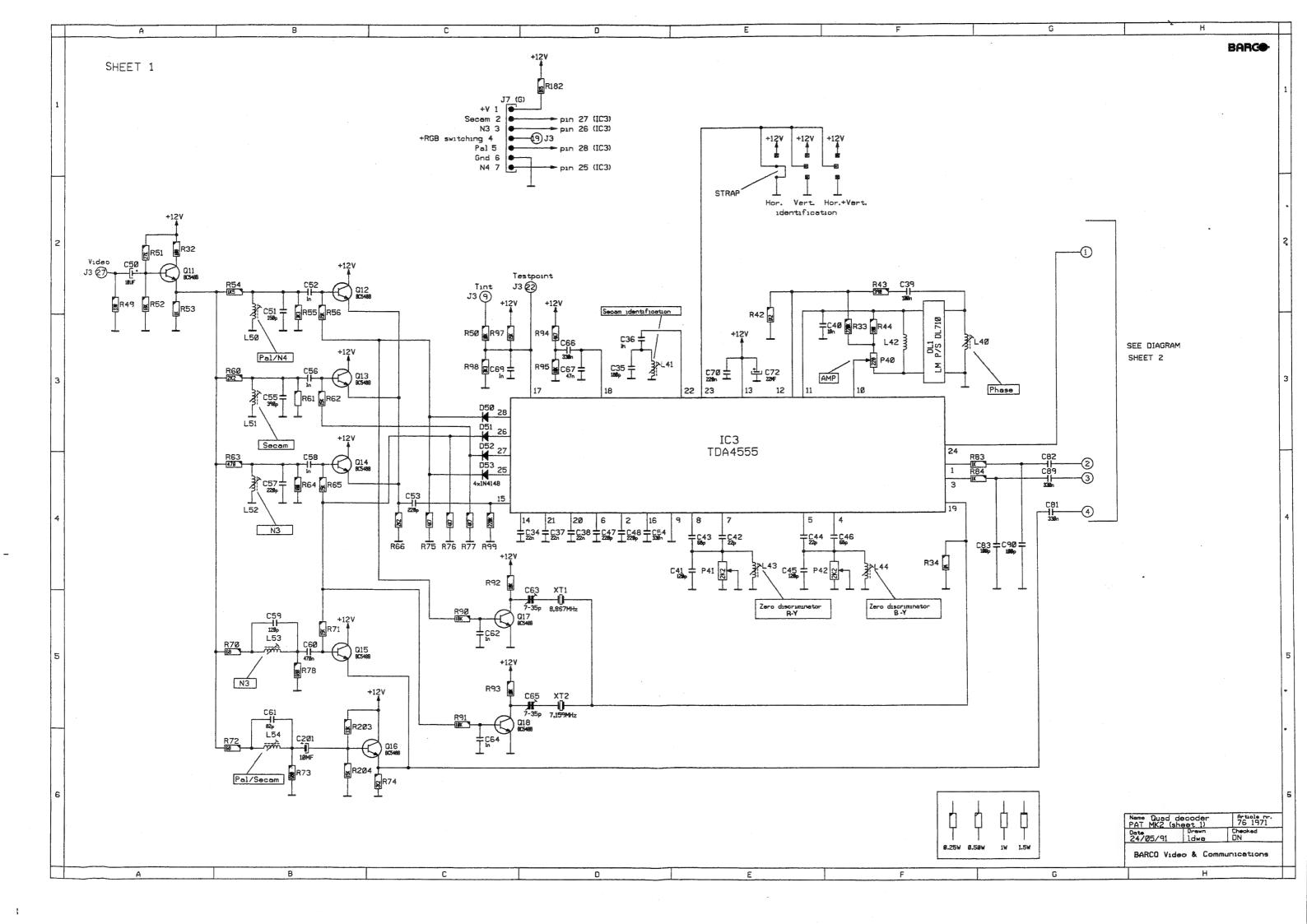


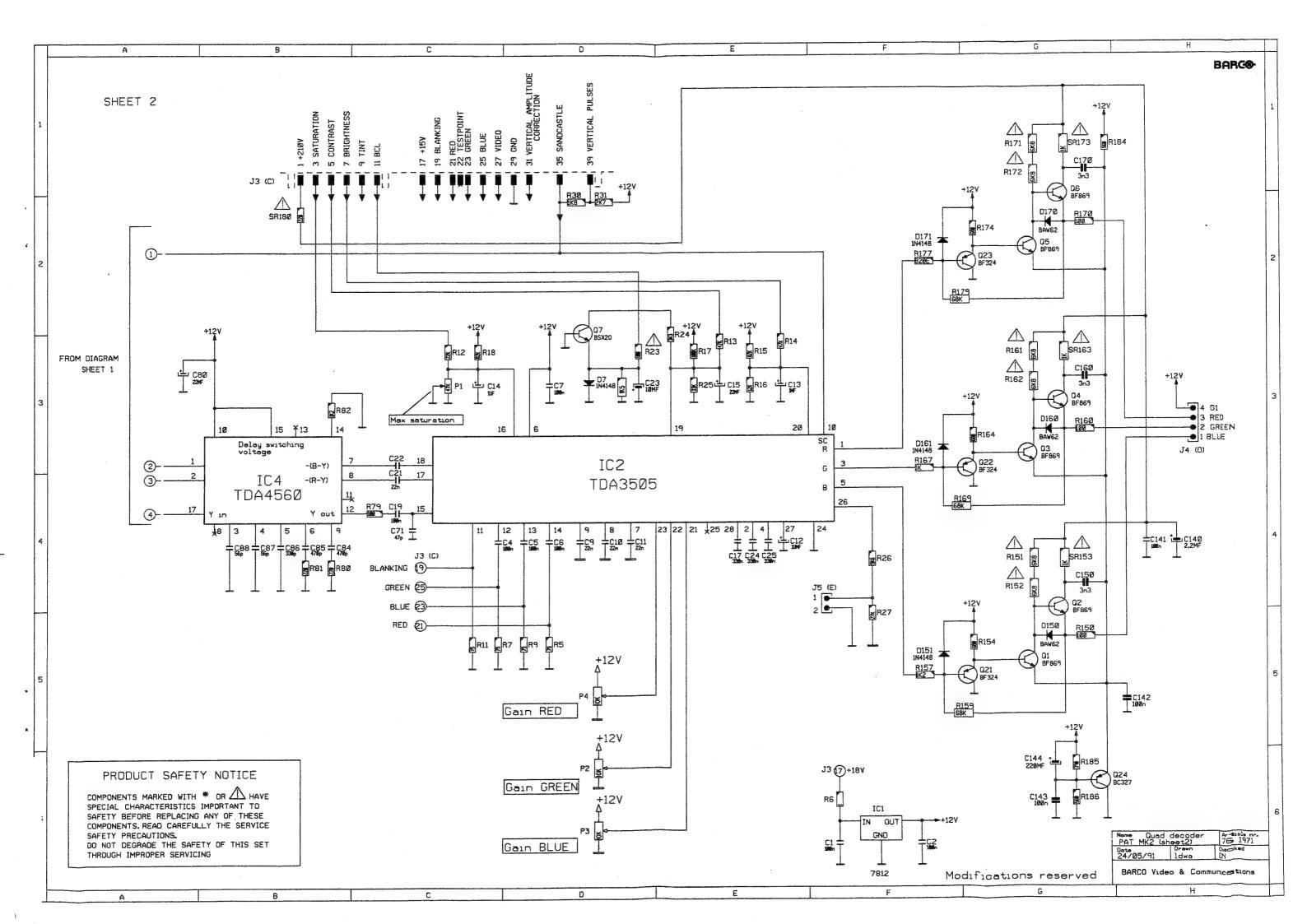


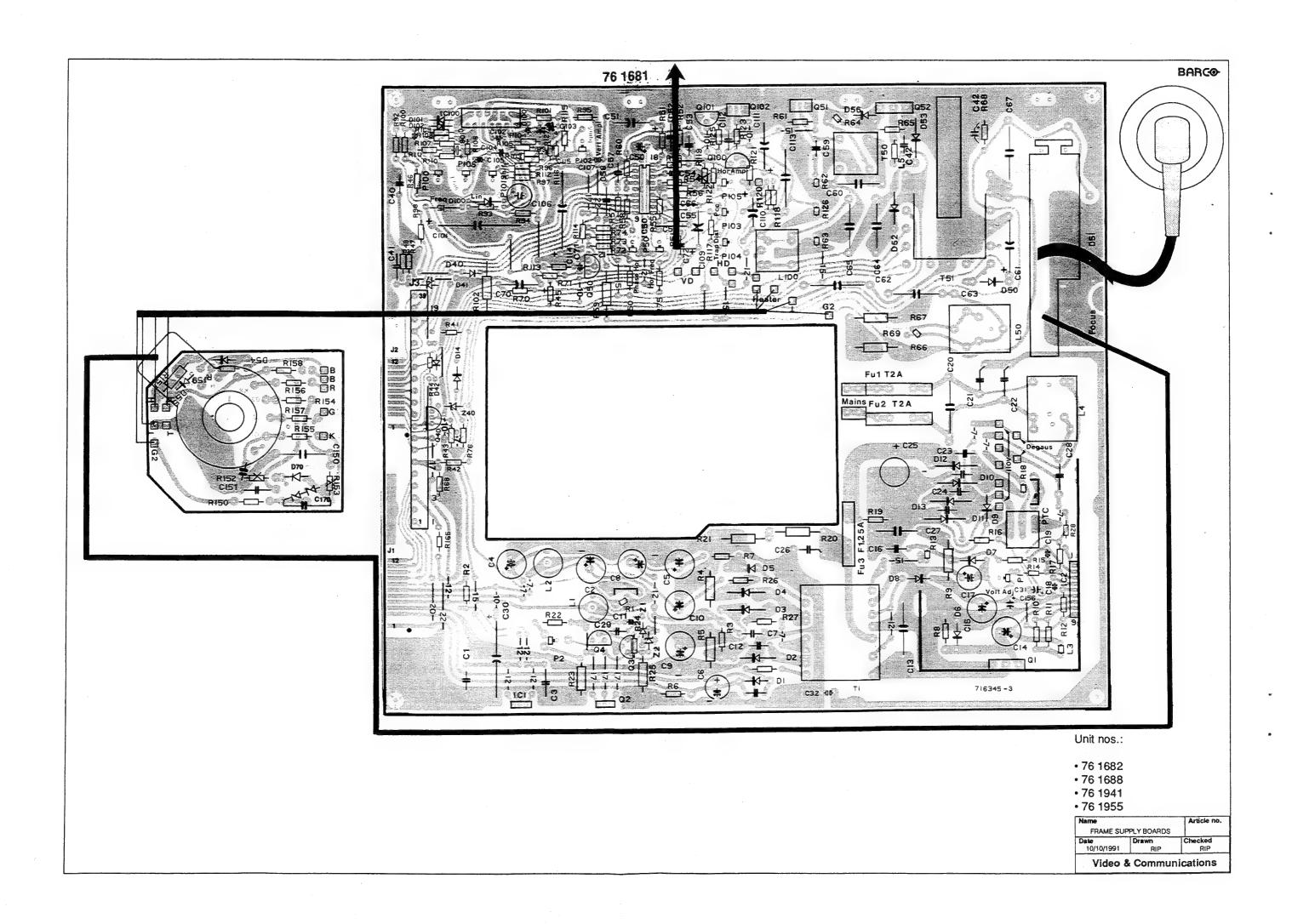


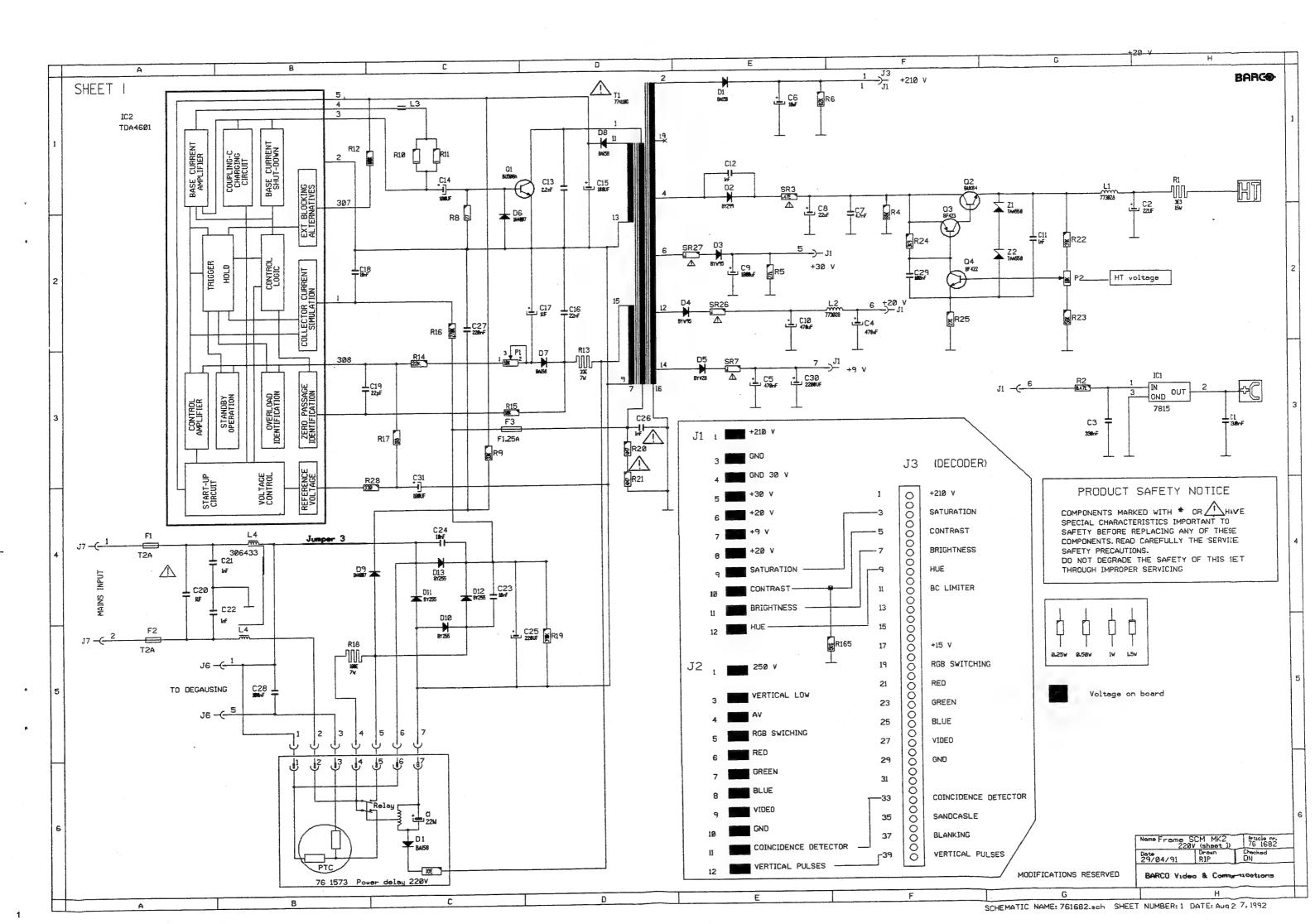


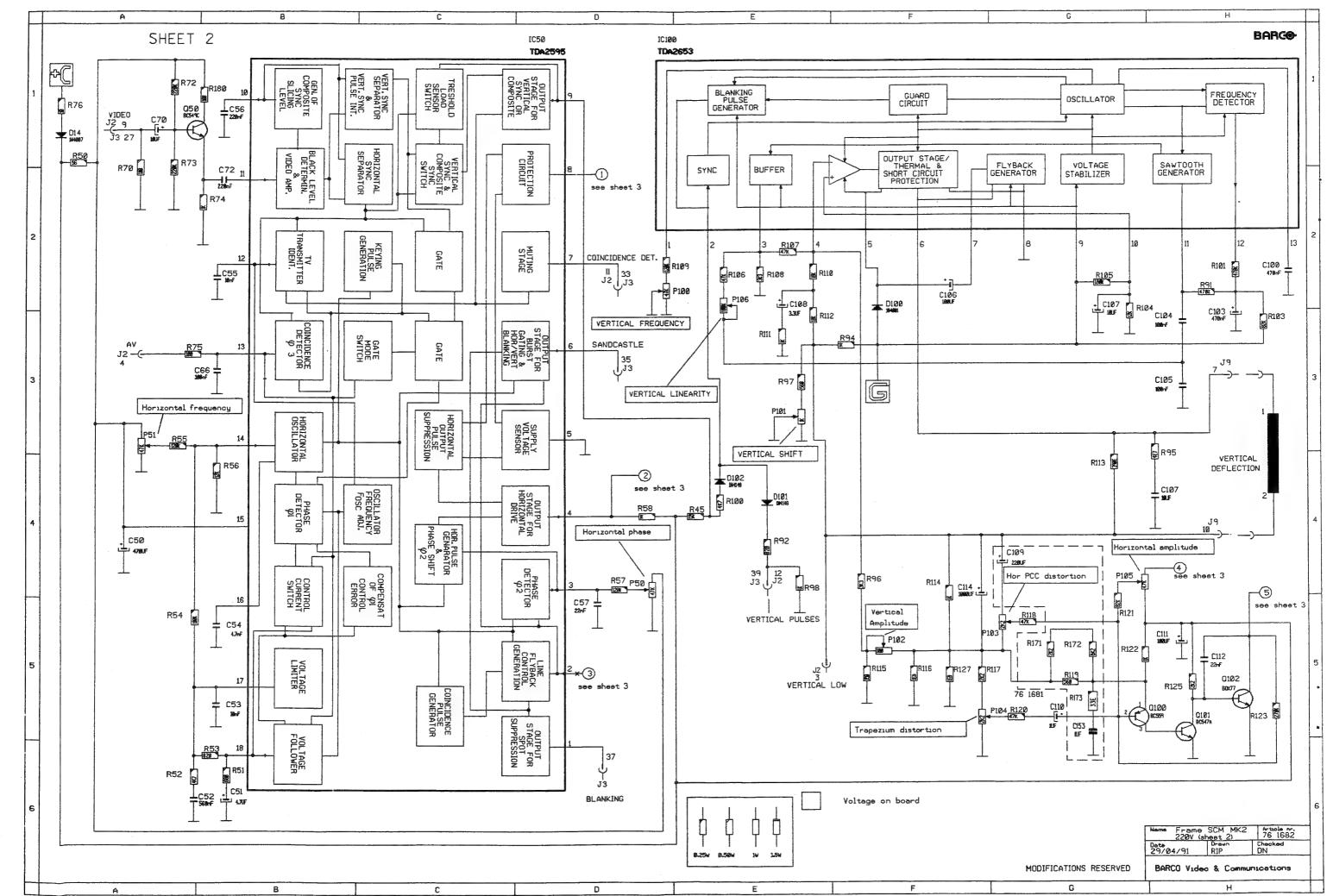


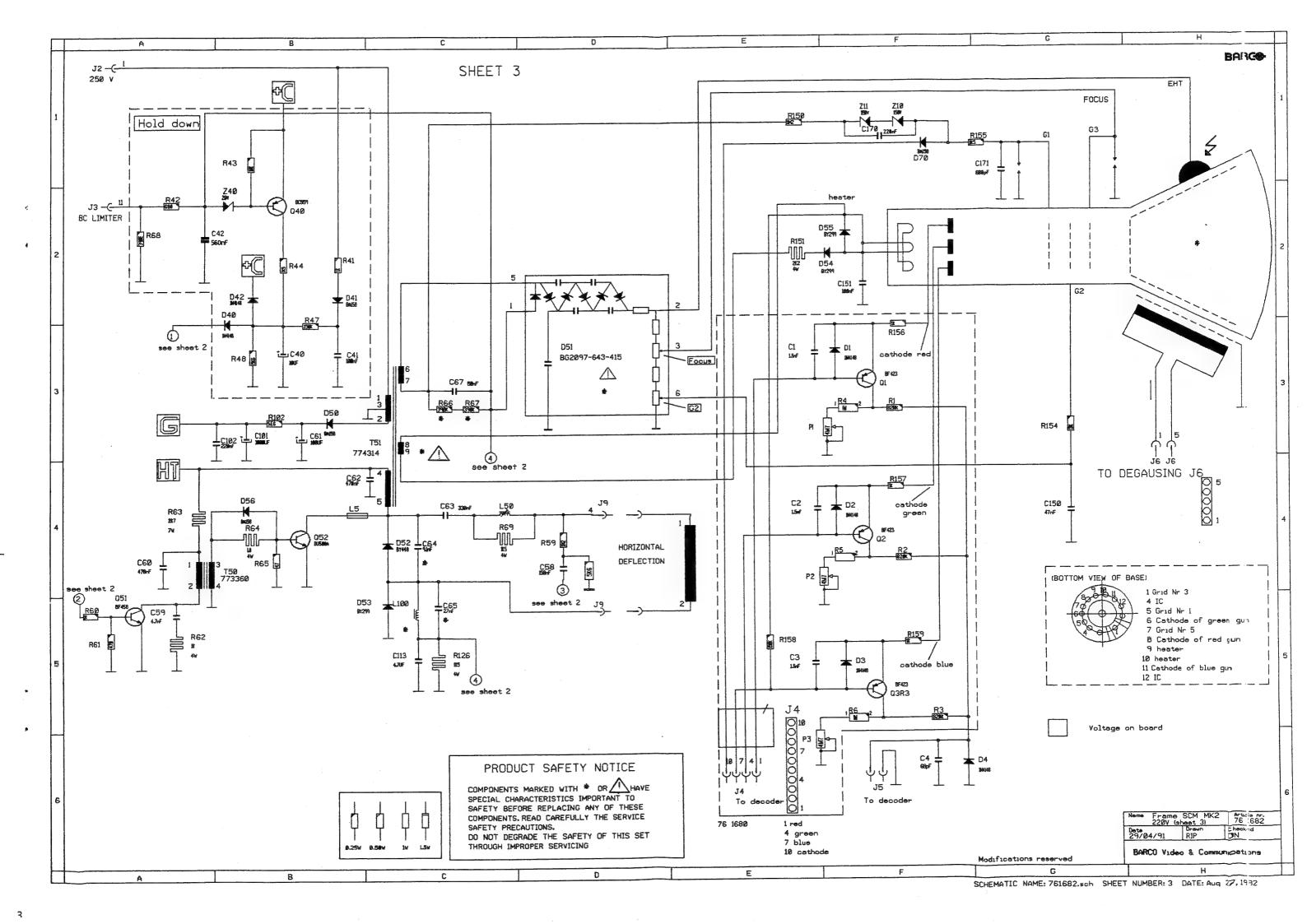


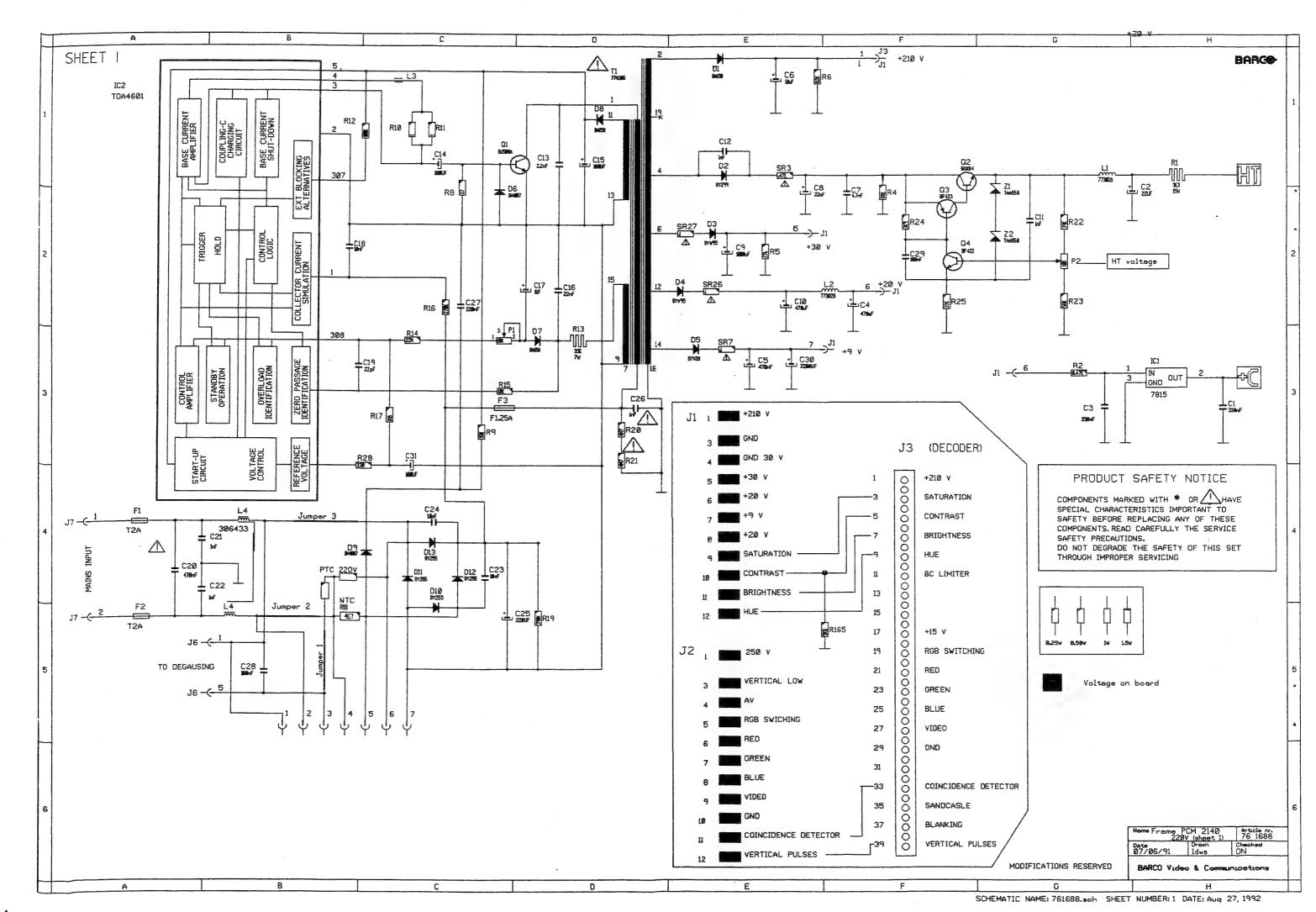


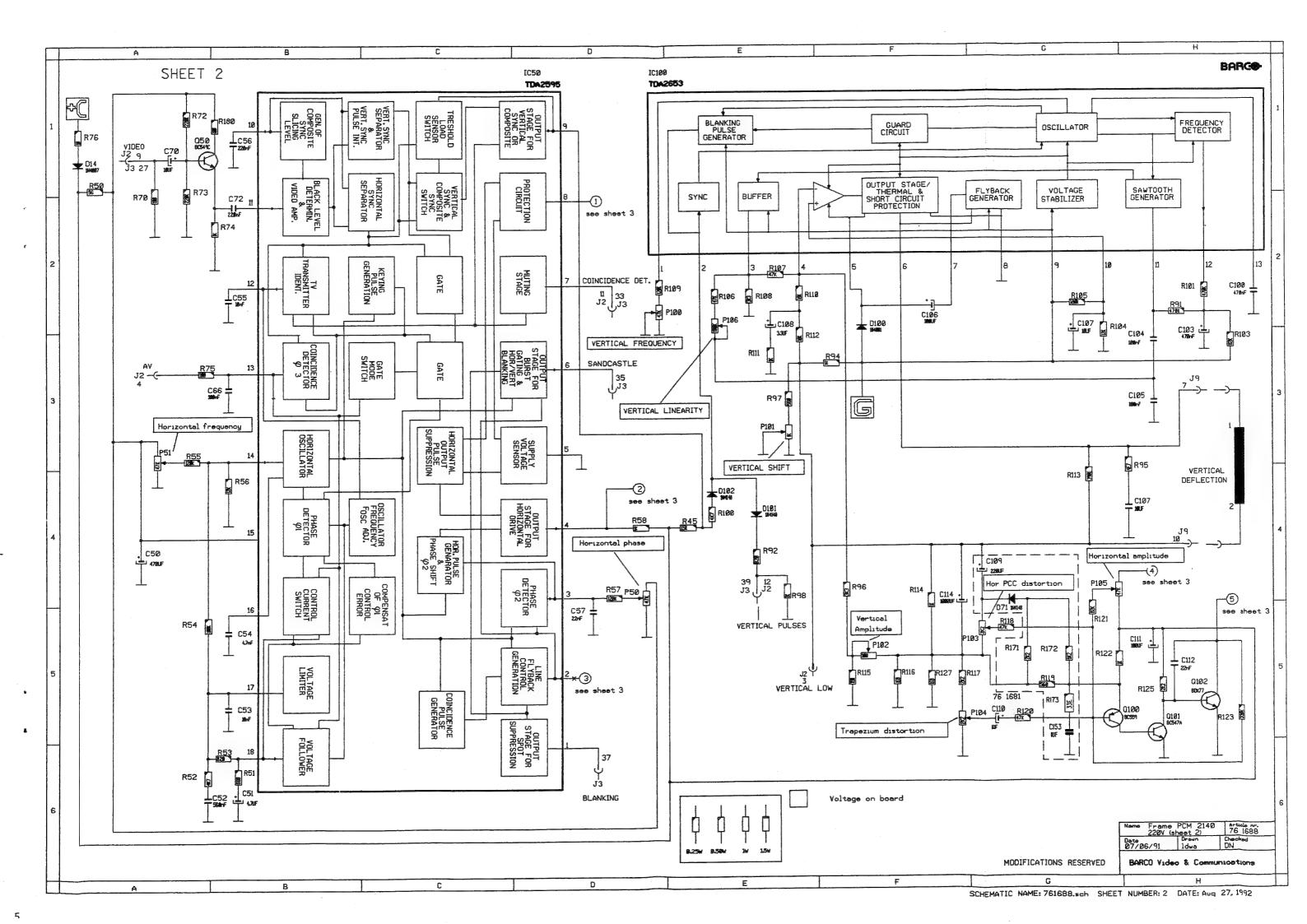


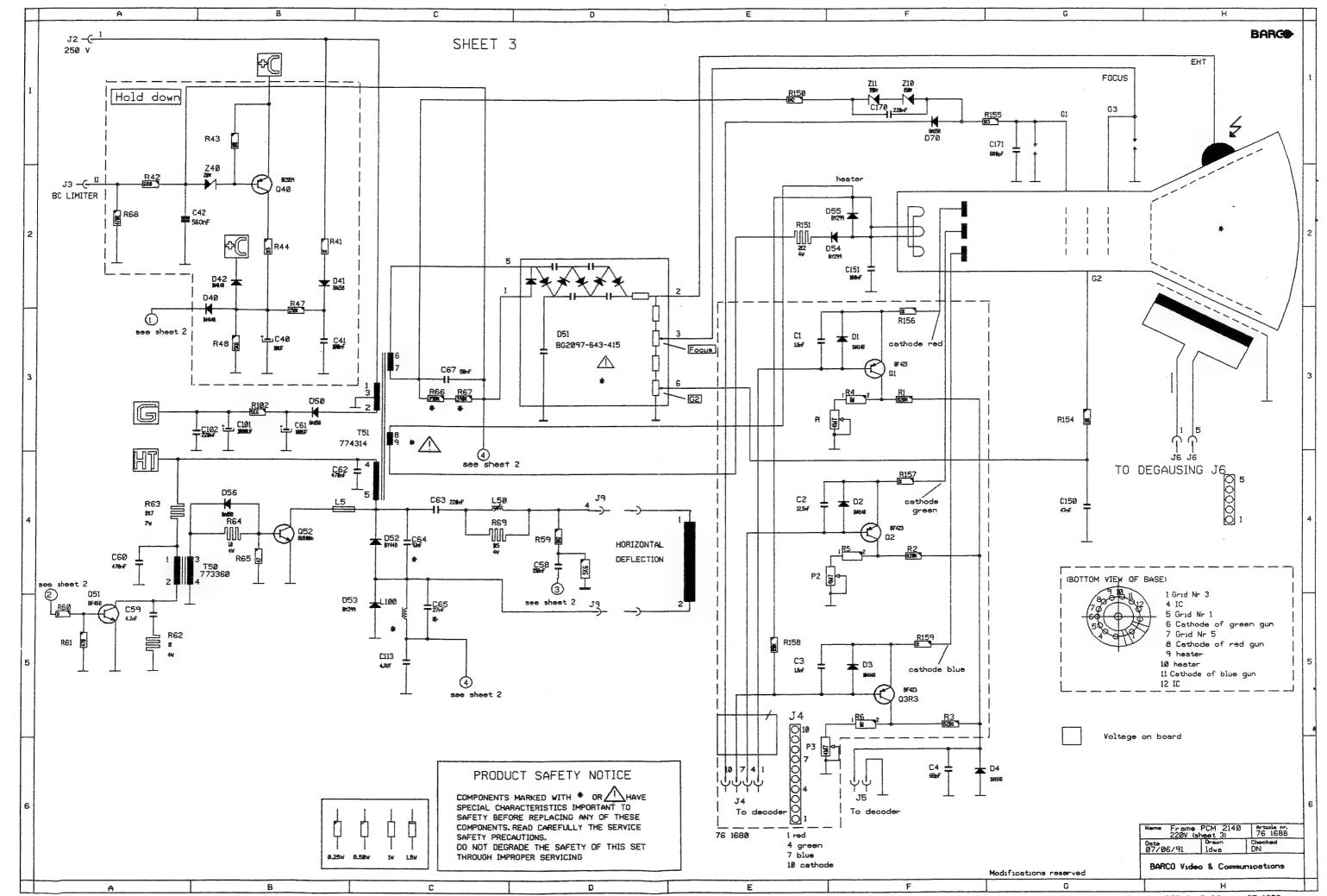




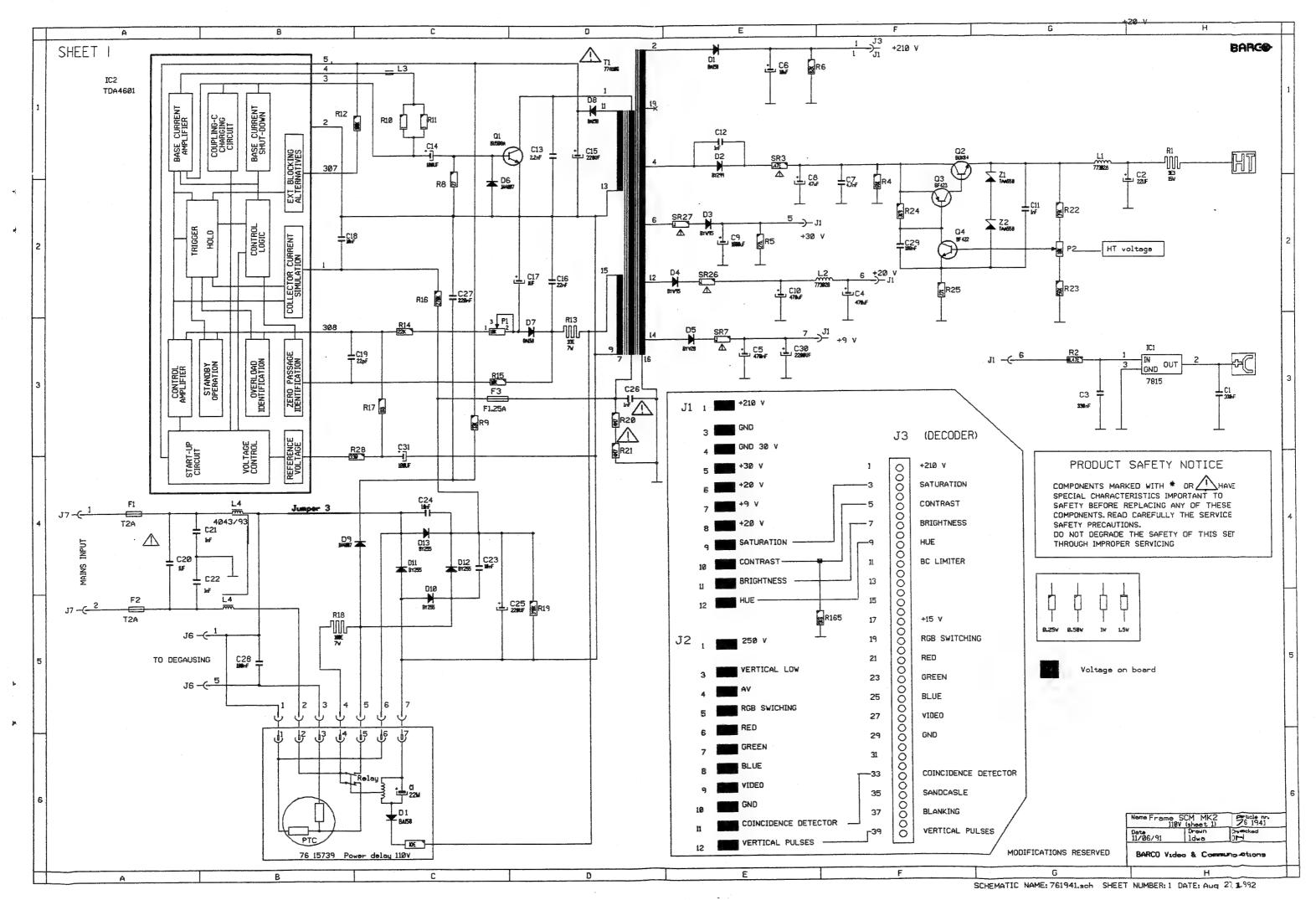


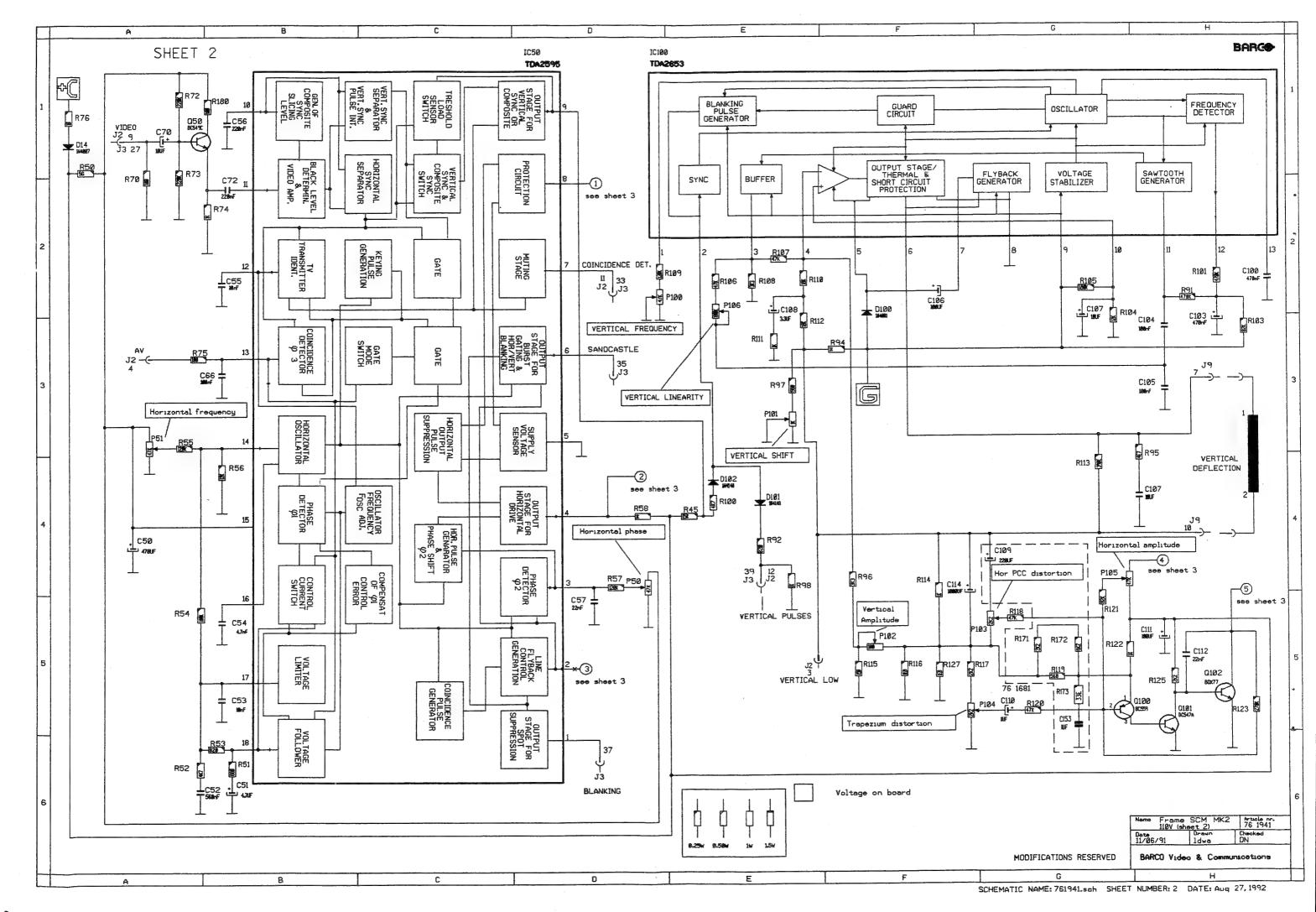


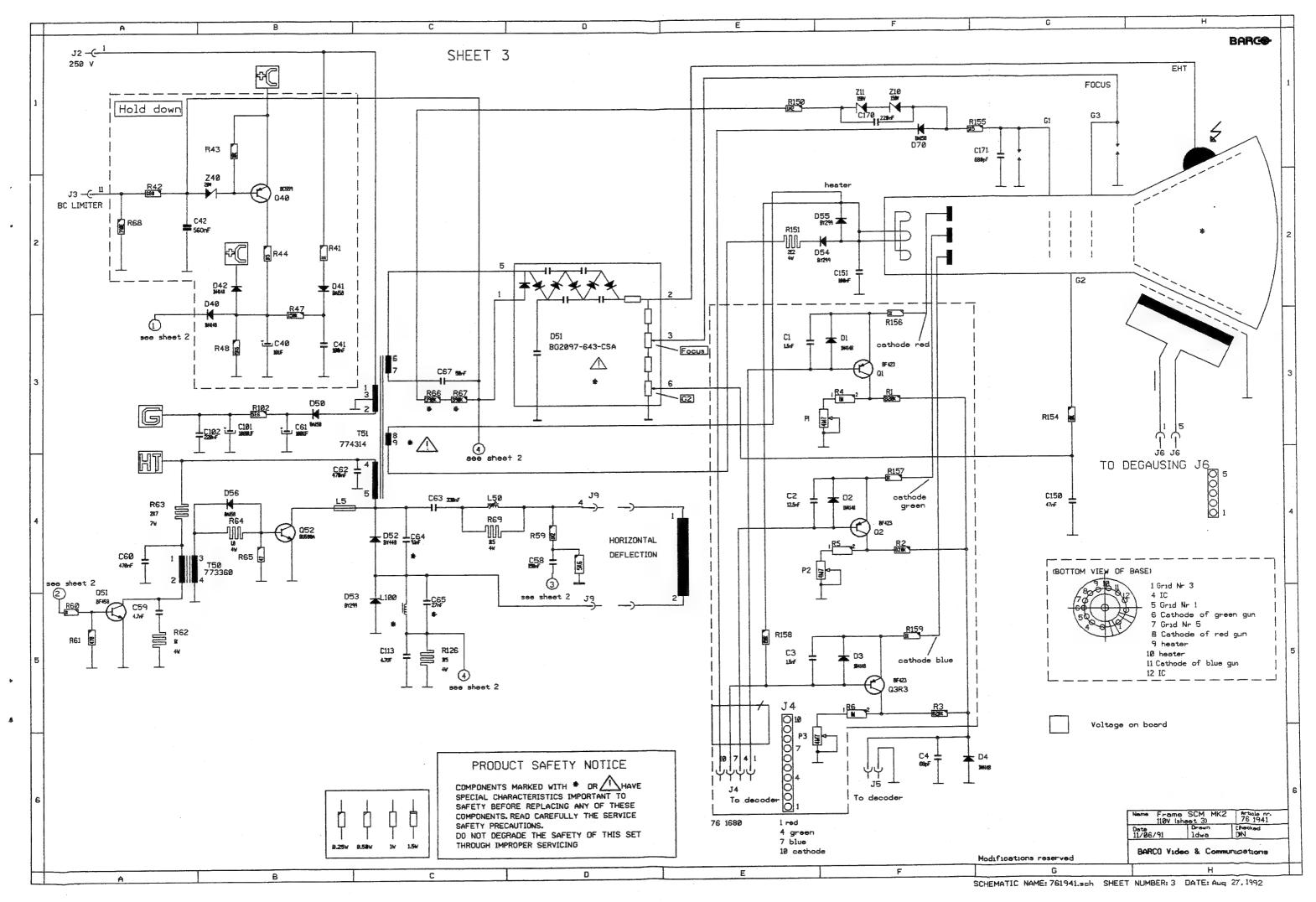




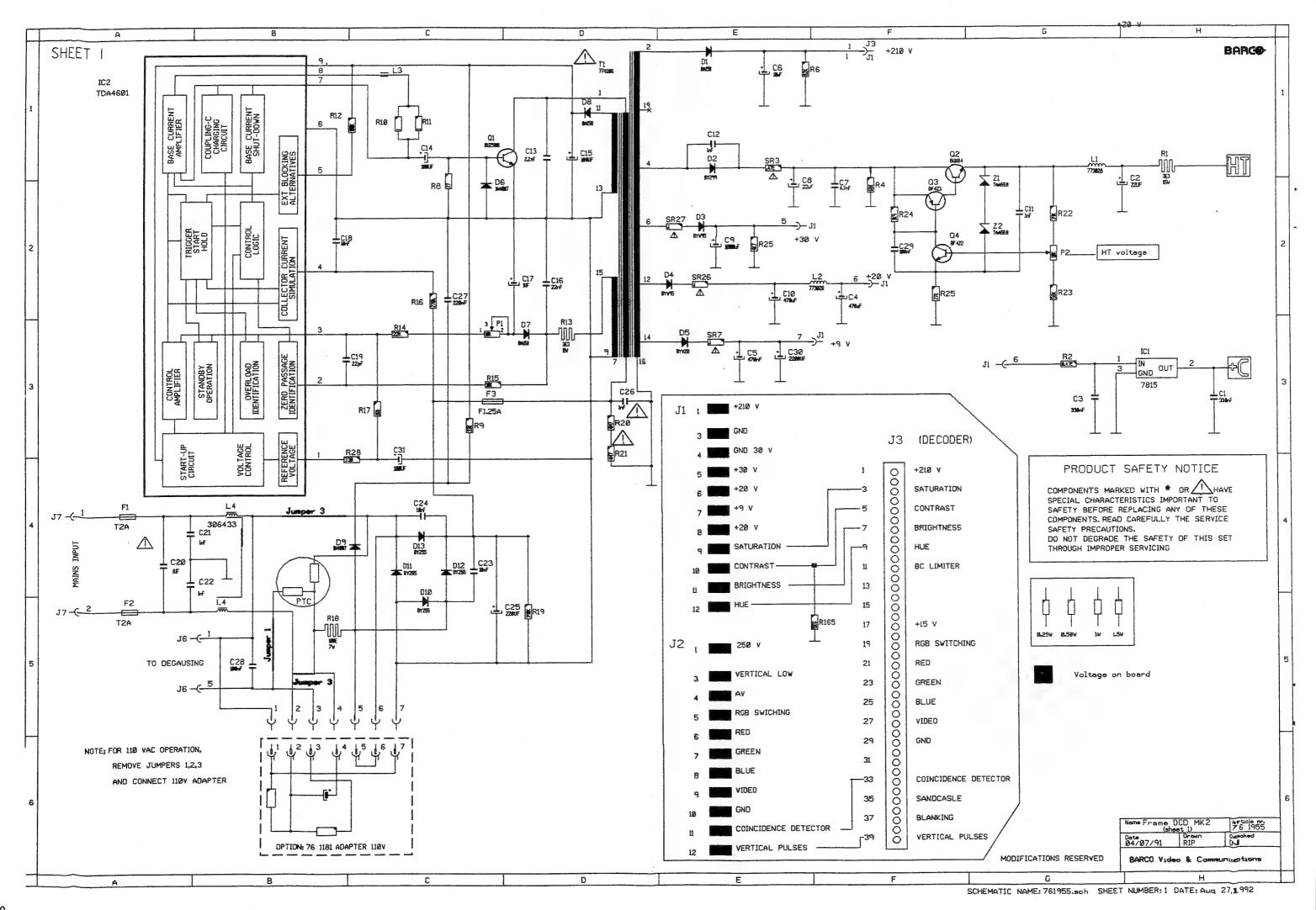
SCHEMATIC NAME: 761688.seh SHEET NUMBER: 3 DATE: Aug 27, 1992

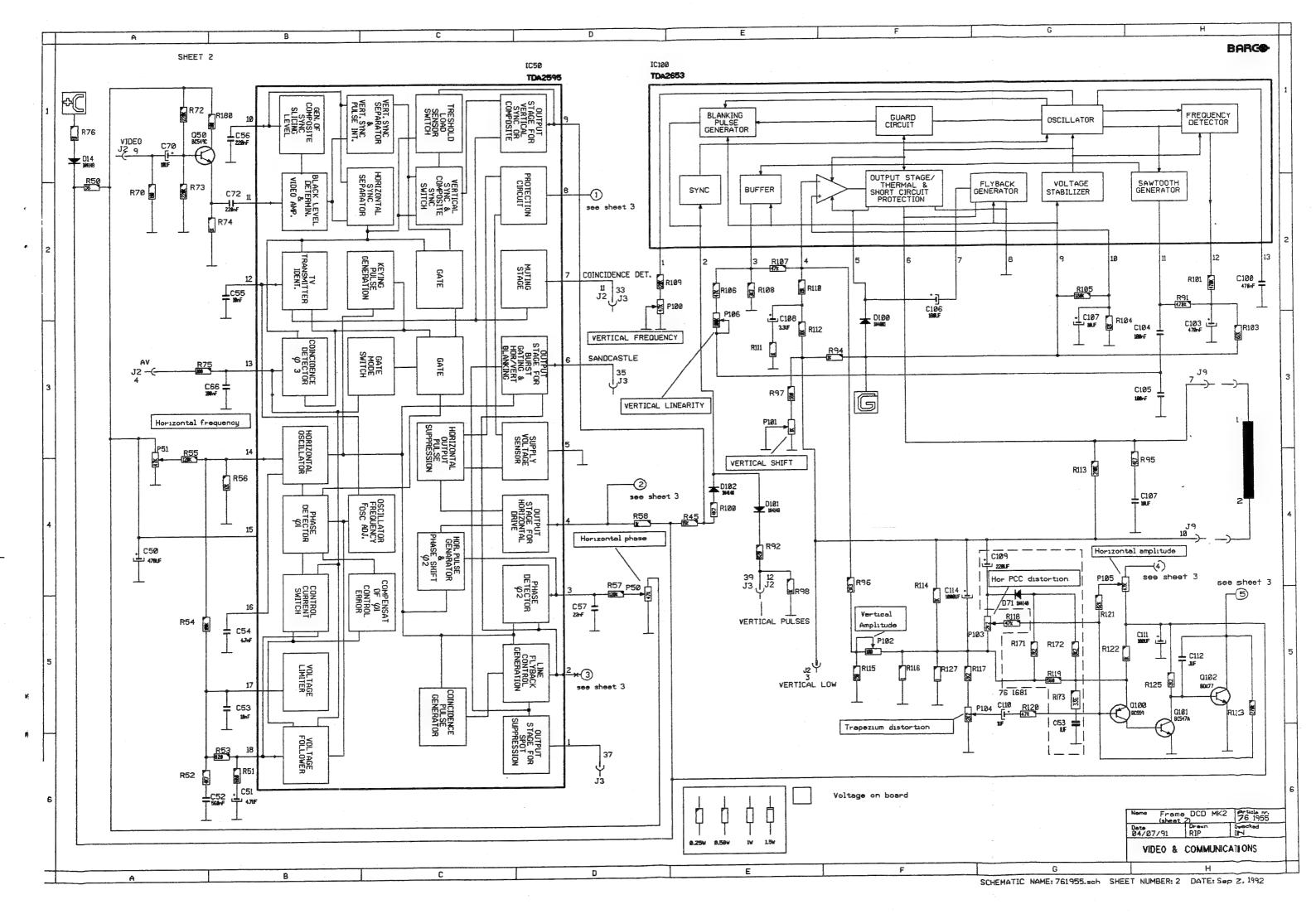


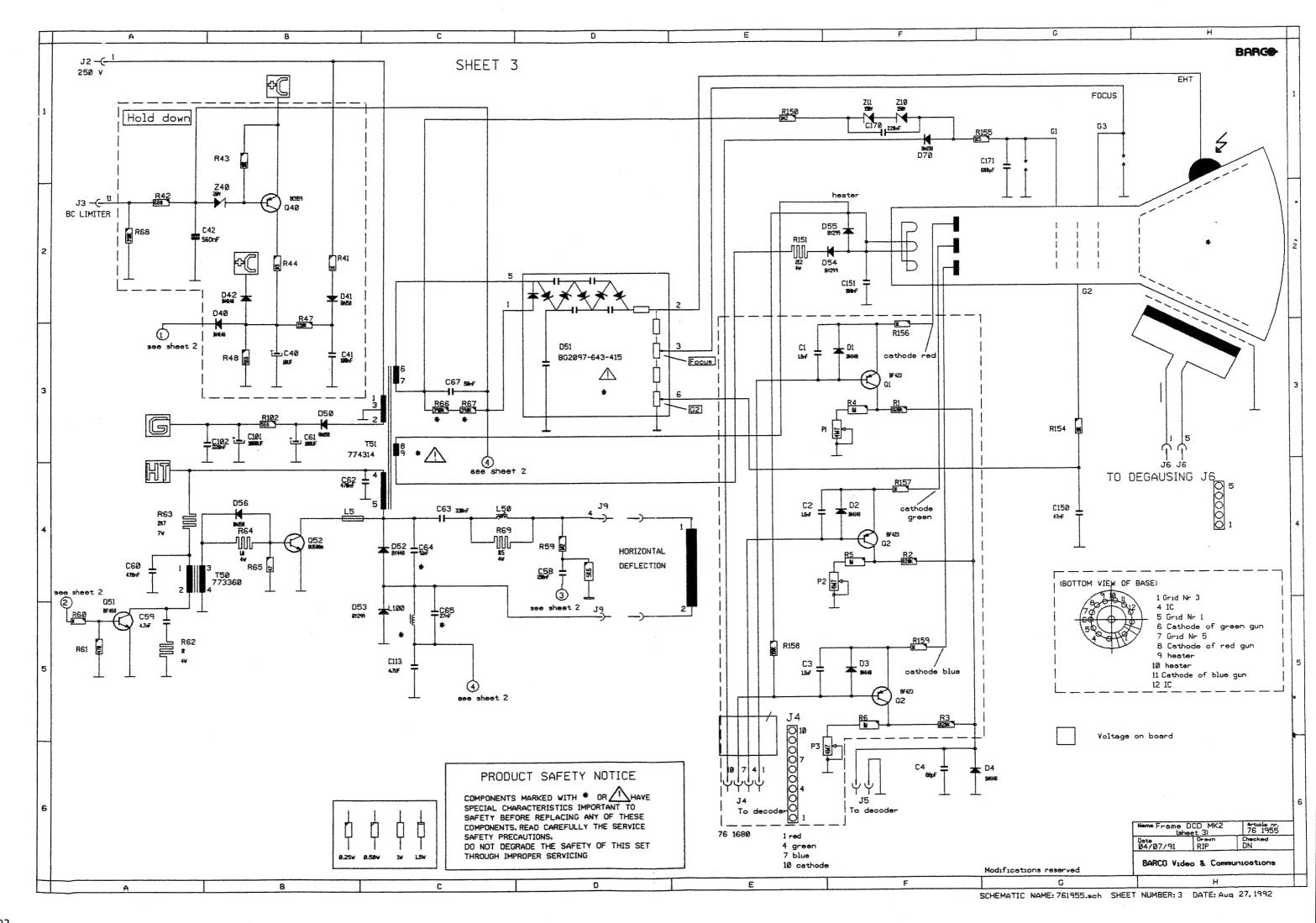


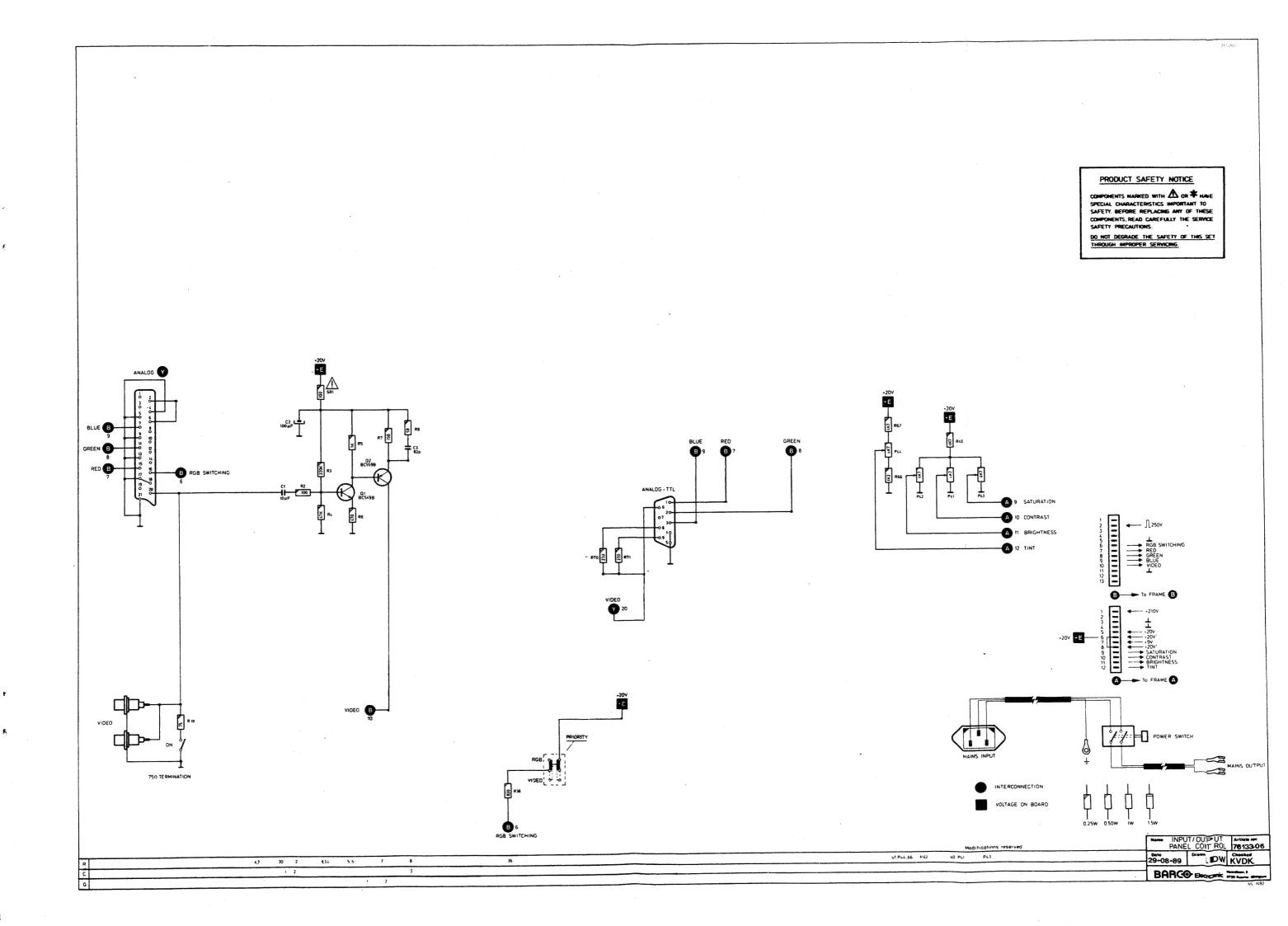


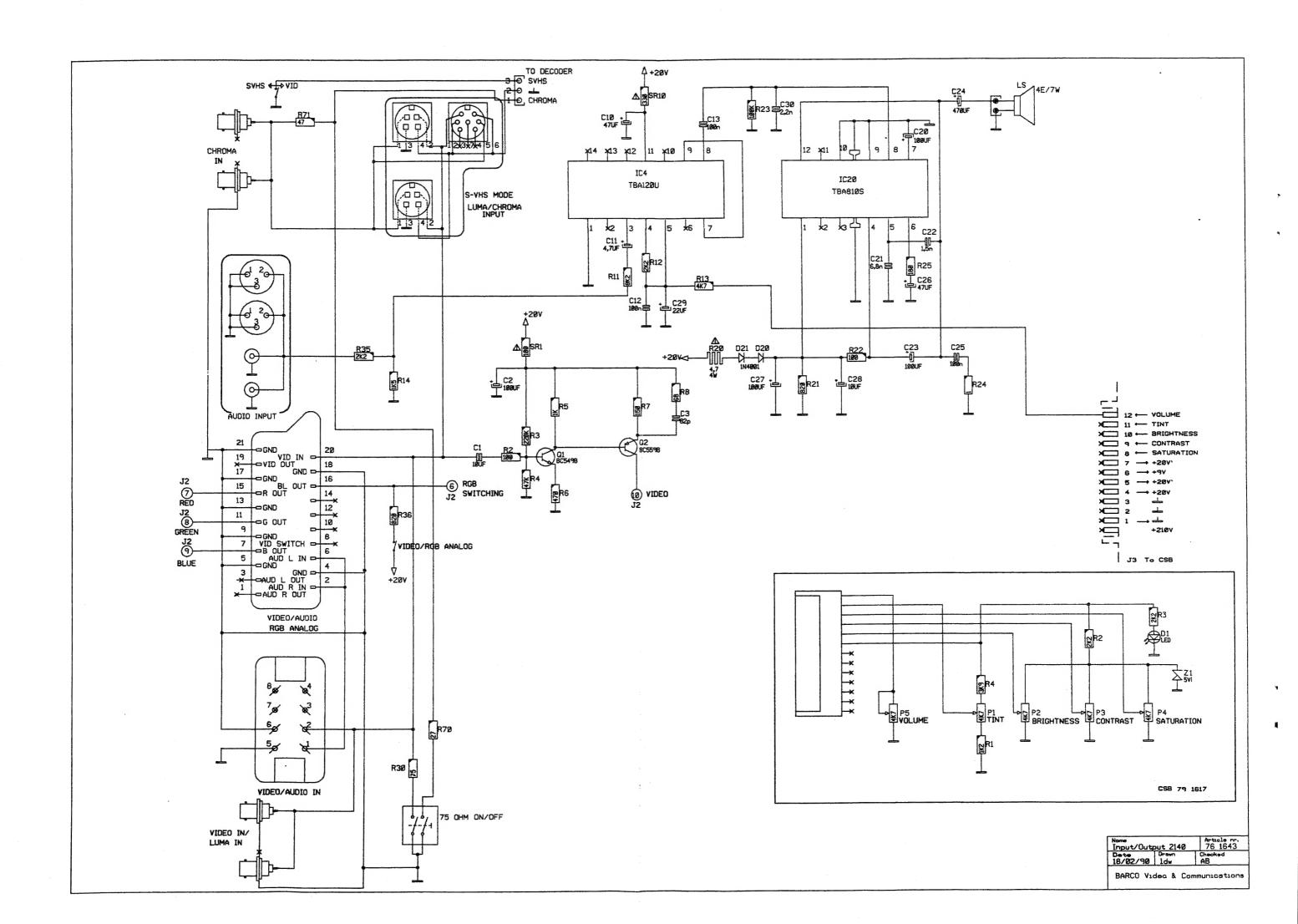
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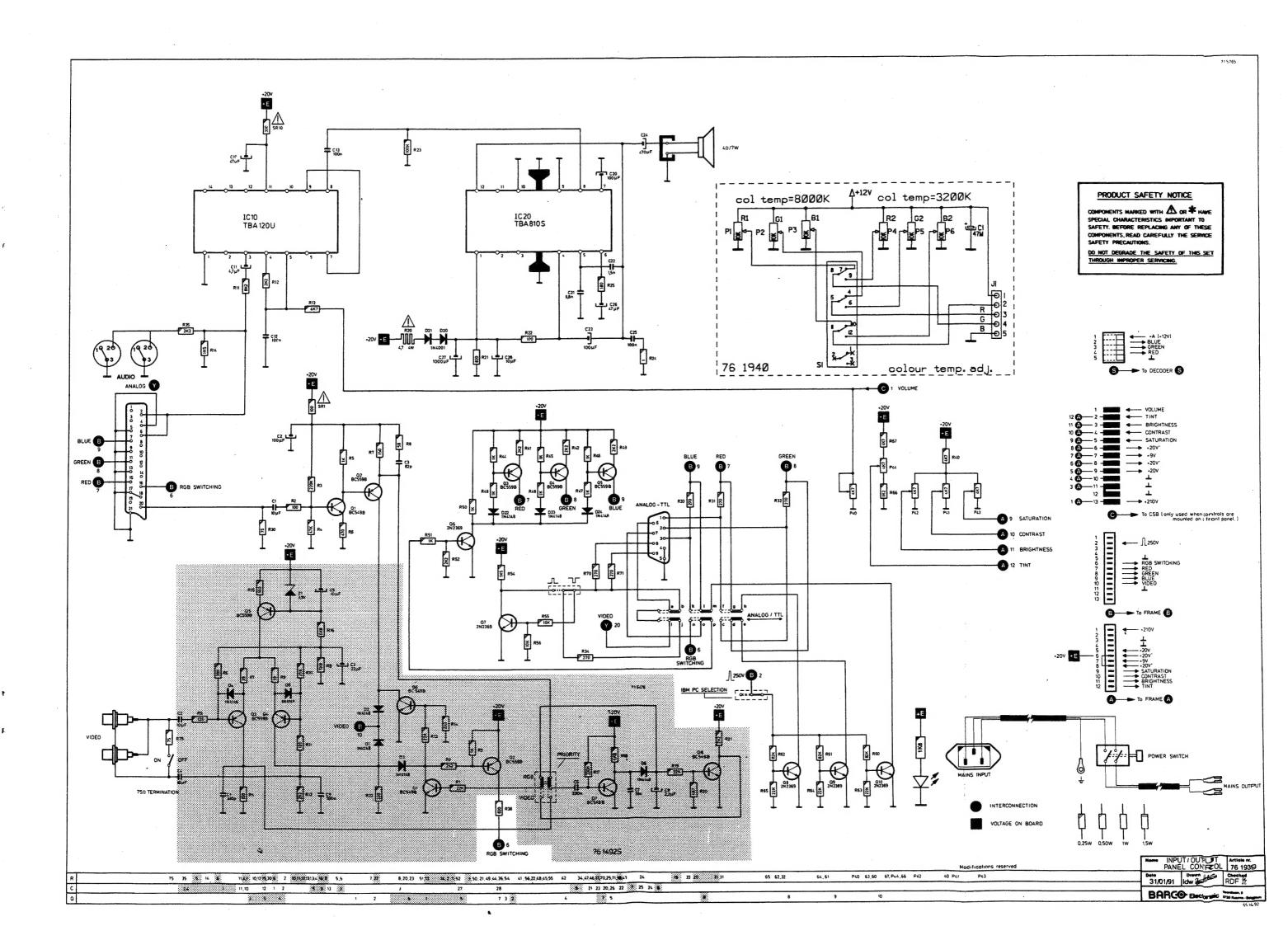












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